

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(661)
 <223> similar to gi4200331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8415
cggacgcgtg ggcggagctc ggcgggtctgc gctcggttgc tagccgtttg ctcccgtttt    60
cagttgcttt gctgttagcc tgttggacct tcgagcctag ctgctcgcac aggactcggc    120
cacctgccct tcctgcaccg actggccagc tcaagagggt tggatatgga ccttcttcaa    180
ttcctggcct tcctctttgt cctgcttttg tctgggatgg gagccacagg caccttgagg    240
acctccctgg acccaagcct ggagatctac aagaagatgt ttgaggtgaa gcggcgggag    300
cagctgttgg cactgaagaa cctggcacag ctgaacgaca tccaccagca gtacaagatc    360
cttgatgtca tgctcaaggg gctctttaag gtgctggagg actcccggac agtgctcacc    420
gctgctgatg tgctcccaga tgggcccttc ccccaggacg agaagctgaa ggatgctttc    480
tcccacgtgg tggagaacac ggccttcttc ggcgatgtgg tgctgcgctt cccgaggatt    540
gtgcactatt actttgacca caactccaac tggaacctcc tcatccgctg gggtatcagt    600
ttctgcaacc agacaggcgt cttcaaccag gggccccact cgcccatcct cagcctgatg    660
  
```

<210> 8416
 <211> 2846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2847)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1929)...(1054)
 <223> similar to gi2317725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8416
tttttttttt ttcattcacc agccagtttt atttactcac aagaacaaat ccaaagccca    60
gtgcagcagc tctgagctca ggctgcccgt gccccgtttt gtgggcctgt acttgaaaca    120
ctgaacgtga tgtgtccttc actcaccgcg agcactttaa tccccacaac agccctgtga    180
ggtaggaatc accaccattc cccccgactc atattacaga tgggggaaacc gagacacaca    240
ttcaacaaag cgcgcatac atggggagtt cagggttagc ctggagtacg aacacacggt    300
ctcccatggt ccagtcagc ggccacactg gcctcttccc ctccctttag taaccccatc    360
agcagcagca taaaaatcta acccttcatt ttgctgaaag cccctgcaga tgacagtttc    420
cttcctatca tgtctgcaga gctccaaggc tgggggcgat gttgaggccg aagccagcca    480
  
```

cagtgcctca	gctgtgcctt	tcctggagag	cggttgccg	ccccagcac	atccctggca	540
cacgggcttg	cataacagac	tcttgtaccg	ccatctctag	cacaagacca	tggccacatc	600
tccccaacca	ctcagcccgc	acagcgtgca	aaggtgggga	gttcacttta	atggcattcc	660
tccaacgact	tattgtaaaa	gaaacaaggc	atctcgtcct	gggtcgcaac	acccagcagc	720
atccgttttag	accaccaagg	gtaggctgcg	ccgggtgcac	agggatcccg	ctgcggctcg	780
gcgaaagccg	gagtcctggg	atccagagca	gcccggggag	ccctggagtc	tggaaaggac	840
acagcagtg	ggcgggcggc	ggcaactcca	gctctgagcc	cggtggcacc	ccgcacgggtg	900
gccccagcca	gctggaggca	ggctcaggag	cggctcctgt	ccttggtggt	ccccacgac	960
atcttgtctgt	acagcttctg	ctgctcctcc	ttgaacgtgt	ccttcacctt	ctccctcttc	1020
aggcccccat	cccacagcag	gtccacaagt	cctccctgcc	tggcaatggc	agatttcacc	1080
ctattcgcaa	actggacagc	atcttcatct	gcctctctag	tcattgggagg	caggtagcac	1140
acgctgcaga	caatggccca	gctggctcatc	attcgacgca	ggtacgtcac	catcccgtat	1200
ttgctgctgt	tccagaaggc	atcgccaaat	tgagggtcat	acttgatagc	aacagggtaa	1260
actgtggctc	caatttcaaa	acttcccttt	ttgaacatca	tcaccgatgt	attattgatg	1320
caggttcctt	ctgggaagat	gaggataggc	agcttgcttt	tatcttgcac	atgttcagtc	1380
agtctcttag	ccaccaggtg	gcatccttc	acttccgagc	gctcaaacca	gacgtgtggg	1440
caggccttca	ccatggctct	ctgaatcaca	cccatgagtc	ccccgtgcac	ttgaccacc	1500
atggcataat	agccatcgct	ggccaagatg	atcacatcga	tcggtgaggt	atgattggcc	1560
acacagatgc	caccatttct	tggctctgtt	tccctgtcat	ggtaggtgat	gatggctgtc	1620
agcgctcgca	cgcagatccg	gtaacacatt	aagtgaacat	gtttactcat	gaactcctta	1680
aacctcccat	ttggcaagta	tcccaccaca	gttggtgccca	ccaccagaag	gctaattcct	1740
gtgaaagcca	gtgctatcct	gagcggcagc	agaaagcagt	accgaatcag	cactcctaac	1800
ccccacagga	ccgtgagccg	aaggctgatg	tactggaagt	tataattggt	tctgctcagc	1860
aggttccagg	actccagttc	ttctgctgag	aatctctttg	tcacctcatc	atccataatg	1920
gtctccattc	ctttccggca	aaagtagaaa	atgtcagaga	gctcgaactc	tggagtgttg	1980
tccagagcct	tactactacc	acttcgacga	atctctttga	tctcttcttc	tagtgaagtg	2040
ggatcctttg	caatgattcc	gttgggtgtag	ggcttgtaaa	gctgggtggt	cttctccttg	2100
gctcctcgct	ccattctcaa	ggtagcccac	gcaaagattt	ttaacagact	tttcatgtag	2160
agtttgcgga	taccaaagga	gactccaaaa	atggctggca	ctatgatgaa	aacgagaagg	2220
aggggtgaaga	ggacagtcag	ggagatgccc	agaagggtga	caatcaggct	atcaaaaggc	2280
agcaacagga	acatgggtga	agatccaggc	caggccagca	cctgcctcca	taagaacaaa	2340
ttgcagcctt	cagatggctc	ttctgacag	caccagccag	ggaaaggaag	caagttcccg	2400
aagaacagca	aaccccatc	caaagtccac	acccttcaac	cgctgaata	gaaggcctgg	2460
gaacagaatg	acagaaaaac	acggccacag	gaggcaactg	caaacgccag	gtctctccag	2520
aatggatgga	ctctaaagat	gattgaagct	agatgggtct	tcagtaaaag	catccgagtc	2580
cagatggagt	ttctgtgcaa	gtgagcagtg	aggacggggg	ctctgctctg	ctgtcctgat	2640
gctgcttcca	gaggttttac	atggttttcc	tgcccaagag	tattcaacag	ataaatctgt	2700
ccccagatc	tgtccccccc	aaaagcacga	aaaagagtta	aacttggtgc	cagaaaaatc	2760
ctgatagctc	ctgtggaggg	gaactccccg	agcgcccgcc	tggntntnnc	cgggnntttg	2820
cgagttttcg	gaagctcaat	nccgcc				2846

<210> 8417

<211> 932

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(608)

<223> similar to gi4455129 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 8417
tctccggacc ggacttcccg ggtcgacgat ttcgtggtac ctagtgtctg agcggcacag      60
acgagatctc gatcgaaggc gagatggcgg acgtgctaga tcttcacgag gctggggggcg      120
aagatttcgc catggatgag gatgggggacg agagcattca caaactgaaa gaaaaagcga      180
agaaacggaa gggtcgcggc tttggctccg aagagggggtc ccgagcgcgg atgcgtgagg      240
attatgacag cgtggagcag gatggcgatg aaccgggacc acaacgctct gttgaaggct      300
ggattctctt tgtaactgga gtccatgagg aagccaccga agaagacata cacgacaaat      360
tcgcagaata tggggaaatt aaaaacattc atctcaacct cgacaggcga acaggatatc      420
tgaaggggta tactctagtt gaatatgaaa catacaagga agcccagggt gctatggagg      480
gactcaatgg ccaggatttg atgggacagc ccatcagcgt tgactgggtg tttgttcggg      540
gtccacaaaa aggcaagagg agaggtggcc gaagacgcag cagaagtcca gaccggagac      600
gtcgtgaca ggtcctctgt tgtccagggtg ttctcttcaa gattccattt gaccatgcag      660
ccttggaaca ataggactgg ggtggaactt gctgtgttta tatttaattt cttaccgtat      720
atgcgtagta tttgagttgc gaataaatgt aaacacagca agttccacc cagtcctctg      780
ttgtccagggt gttctcttca agattccatt tgaccatgca gccttggaaca aataggactg      840
gggtggaact tgctgtgttt atatttaatc tcttaccgta tatgcgtagt atttgagttg      900
cgaataaatg ttccattttt gttttctaaa ca      932

```

```

<210> 8418
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (95)...(380)
<223> similar to gi2298391 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8418
ggacttcccg ggtcgacgat ttcgtctcgt ctggtctgtc gtgctccggc tgccctggcg      60
ggtgccgggc cagctggacc ccaccactgg ccggcggttc tcggagcaca aactctgcgc      120
ggacgacgaa tgcagcatgt taatgtaccg cggggagggt cttgaagatt tcacaggccc      180
ggattgtcgt tttgtgaatt ttaaaaaagg ggtcctgta tatgtttact ataaactggc      240
acgaggatgg cctgaagttt gggctggaag tgttggacgc acttttggat attttccaaa      300
agatttaatc caggtagttc atgaatatac caaagaagag ctacaagttc caacaaatga      360
gacggatttt gtttgttttg atggaggaag agatgatttt cataattata atgtaga      417

```

```

<210> 8419
<211> 1007
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (48)...(686)
 <223> similar to gi510509 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8419
tcacttccac ggctcagcgt cagggaggag agagaatgtc ttttcgaggc ggaggtcgtg      60
gaggctttaa tcgaggtggt ggaggtggcg gcttcaaccg aggcggcagc agcaaccact      120
tccgaggtgg aggcggcggg ggagggcgcg gcaatttcag aggcggcggc aggggaggat      180
ttggacgagg ggggtggccgc ggaggtttaa acaaaggcca agaccaagga cctccagaac      240
gtgtagtctt attaggagag ttcctgcatc cctgtgaaga tgacatagtt tgtaaattgta      300
ccacagatga aaataagggtg ccttatttca atgctcctgt ttacttagaa aacaaagaac      360
aaattggaaa agtggatgaa atatttggac aactcagaga tttttatttt tcagttaagt      420
tgtcagaaaa catgaaggct tcattccttta aaaaactaca gaagttttat atagacccat      480
ataagctgct gccactgcag aggtttttac ctgcacctcc aggtgagaaa ggacctccaa      540
gaggtggtgg caggggaggc cgaggaggag gaagaggagg aggtggcaga ggtgggtggca      600
gaggcgggtg ttttagaggt ggaagaggag gtggagggtg gggcttcaga ggaggaagag      660
gtggtggttt cagagggaga ggacattaag tgaacagtt gacagacatc accagttgac      720
ttctgcatta acctgcatga tctgtttcta ctatggattg gaaacttggt tcttgaacaa      780
gtcttgaaga tcttggtcat tttatgacaa tggatctaaa atgtcagcat catgcaaagt      840
gcaacggaat agtgaatttt gctctaaaag agcatgaaca agtctttcta atgttttgta      900
cagtgcctgg cactctgtgg gtgctcaata aatggatagg agttttcatt tgaagcatat      960
ttgaattttt aaaataaagt gttttattcc cttaagttaa aaaaaaaa      1007

```

<210> 8420
 <211> 1404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1318)...(142)
 <223> similar to gi3777604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8420
tttttttttt ttaaaaagag aaacctttat ttacaacccat gggagtccca caggagtaca      60
caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgctgtgctc      120
ctggcgcgcg gccacccctc agtgccctat ccgcaccacc atcacagtga cgttgctggc      180
cgagccccgc tgcaccgcct tggtggccag cctgttgtag gctgcttcgt agcggggcgtc      240
ggctgcggac ttcccttccc ggggtctggat cttttcatcc tcgagacagg acaagatgaa      300
gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaaatgaa      360
cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagagggtga caccgcagcg      420
cttgactgct ccgtccccaa tggagcgtga cacctctagc acgccccaaa cacgcccatt      480
cctgaagttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg      540
ctctttgctg aggtcttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat      600
tgccccgacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt      660

```

ggcagtggac	ccatctttcc	aggcaggctt	ctggctggaa	gcttgtttaa	ggaactcttc	720
atcagtatgc	ttgaaagtgt	ccaaaaggca	tctcttcacg	gttttctcta	cactgattac	780
atctccttta	ggaaattttc	tgattaagtt	ttgatgcaaa	ttctgtgcag	caaattttga	840
ggctcgaatt	cctccatgtc	catcaaaaac	agcaaaatat	gaaacccgag	taatgagggg	900
cgatgggggc	ctacactcct	cggtgatgtc	gttcaggatg	acgtgggcat	cctgcatctc	960
ctccctctca	cccttccgct	cagccacata	gcccttcaga	ccaaagatca	ccgaagaggc	1020
tttacaaact	ttcttttcca	caagctcttc	actgccattc	ttctcttcct	cggagggtttt	1080
tctctttgct	cctttccctt	cagtctttac	catctgggat	attgatgtgg	caagagaacc	1140
tgaatcgcca	ctgctagcgg	gtgggagatc	atcaaaaagc	aaaggteccc	ctgatcctga	1200
gtcagtactg	ctggccggag	ggaggtcatc	aaagagcagg	ggtcctttct	gagcttcttt	1260
cccgccagcc	gggcgcgggc	agcgcctcgg	ctccggcagg	tccccgaaga	ggtccatggc	1320
ggaggctggg	tggaggcggc	agcagcgaca	gacactcagc	ccgcgagcag	cggccgggct	1380
ccacgaaatc	gtcgacccgg	gaat				1404

<210> 8421

<211> 2211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (106)...(2197)

<223> similar to gi500734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8421						
ggaataagct	ggtcgacgat	ttcgtggggg	cgggcctatg	ccgggggtctc	acagcgactg	60
cgcggaacggg	ttcctgagtg	gaacatggcg	acttgccgcg	aaatcctgcg	gagcgagttc	120
cccgaaattg	acggacaagt	cttcgactac	gtgaccggcg	tcttgcacag	cggcagcgcg	180
gacttcgagt	ctgtggatga	cctgggtggaa	gctgtagggg	aactattgca	agagggtgtcc	240
ggggacagca	aggatgacgc	gggcatcagg	gccgtgtgcc	agcgcatgta	caacactctg	300
cgtctggctg	agccacaaag	ccagggaaat	agccagggtg	tactggacgc	ccctatccag	360
ttgtcaaaga	taacggagaa	ctacgactgt	ggaaccaaac	ttccaggact	gctaaagagg	420
gaacagtcct	cgacagtga	tgcaaagaag	ttagagaagg	ccgaggctcg	acttaaggca	480
aagcaggaga	agcgctcaga	gaaggacacg	ctcaagacca	gcaaccctct	agtcttagaa	540
gaggcatcag	ccagccaggc	aggcagcaga	aaggagagtc	ggttggaatc	atctggcaag	600
aacaaatcct	atgatgtgcg	aattgagaac	tttgatgtgt	cttttggcga	tagagtactg	660
ctggctggag	cggatgtgaa	cctggcatgg	ggccgccgtt	acgggctggt	ggggcggaat	720
gggttgggga	agacaacgtt	actgaagatg	ctggccaccc	ggagtctgcg	ggttccagcc	780
cacatttccc	tgctgcacgt	tgagcaagag	ggtgctggag	atgacactcc	tgccctgcag	840
agtgtgctgg	agagtgcag	tgtgcgagag	gatttgctac	ggagggagcg	ggagctcact	900
gcccagattg	ctgctggcag	ggcggaaggc	tctgaagctg	cagagctggc	agaaatctat	960
gccaactcgg	aggagattga	ggctgacaag	gcacctgcca	gggcatcagt	cattctcgct	1020
gggcttggct	ttacccttaa	aatgcagcag	cagcccaccc	gggagttctc	aggtggctgg	1080
aggatgaggc	tggccctggc	ccgggccctc	tttgctaggc	cagatcttct	gctgttagat	1140
gaacctacaa	acatgctgga	tgtcagggcc	atcctgtggc	tggagaatta	cctgcagacg	1200
tggccctcca	ccatcctagt	cgtctcccac	gaccgcaact	tcttgaatgc	catcgccaca	1260
gacatcatcc	acctgcacag	ccagcggcta	gatggttacc	ggggagactt	tgagaccttc	1320
atcaagagta	agcaggagcg	gctgctcaac	cagcagcggt	aatatgaggc	gcagcagcag	1380
tatcgccagc	acatccagggt	tttcattgac	cggtttcgct	acaatgccaa	cagggcctct	1440

caagtgcaga	gtaaaactcaa	gatgctggag	aagctgcctg	agctgaagcc	tgtggacaag	1500
gaatcagagg	tcgtaatgaa	gttccctgat	gggtttgaga	agttctcgcc	gccaattctg	1560
cagctagatg	aggtggattt	ctactacgat	ccgaagcacg	tcatcttcag	tcgcctctct	1620
gtgtctgctg	atctcgagtc	tcgcatctgt	gtggttgagg	agaatggggc	tgggaagtct	1680
accatgctga	agctgctttt	gggggacctg	gcacctgttc	ggggcatcag	acacgctcac	1740
aggaatctga	agattggcta	tttcagccag	cacctgtggt	agcagctgga	cctaaacgtc	1800
agtgtgtgtg	aactgtctgg	acgcaagttt	cctgggctgg	ctgaggagga	gtaccgtcac	1860
cagctgggtc	ggtatggcat	ctccggagaa	ctggccatgc	gtcctcttgc	cagcctgtct	1920
gggggccaga	agagccgagt	ggcctttgct	cagatgacta	tgccctgccc	caactcttac	1980
attctggatg	aaccacaaaa	ccacctggac	atggagacca	ttgaggctct	gggcccgtgcc	2040
ctcaacaatt	tcaggggtgg	tgtgattctg	gtgtcccacg	atgagcgctt	tatcaggctg	2100
gtgtgccggg	agttgtgggt	atgcgaagga	ggcggcgcca	cccgtgtgga	aggaggattt	2160
gaccagtacc	gcgccctcct	ccaggaacag	ttccgcccgc	aaggcttcct	t	2211

<210> 8422

<211> 5961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(2666)

<223> similar to gi5911943 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8422						
gaactcccgg	gtcgacgatt	tcgtgcagcg	tgtagtgcga	gtggggcgga	cgcgcgacgc	60
ccgcccggcc	ggcgaccagc	aaggagttag	catccttttg	aagagttcgt	gaaagctttc	120
tgcccagagc	tcctggacca	atgcatcttc	ccaccacctt	aaaccactga	gcagttcaga	180
gccccagttg	cagacgactt	gtcctgccac	cacctgagat	tctgaatgtg	atggtgggtc	240
caaagctgtg	atgaatggct	tggcactctg	cagcaatggg	caagacaaa	acatggatcc	300
tacaaaaatc	tgactgggga	agggagcggg	gactctccgg	gcctcgtctt	cctacaggga	360
aacccccagc	agtagccctg	cgagccctca	ggaaacccgg	caacacgaaa	gcaaaccagg	420
tctggagcca	gagccttctt	cagcagatga	gtggaggctt	tcttccagtg	ctgatgccaa	480
tggaaatgcc	cagccctctt	cactcgtctg	caagggtctc	agaagtgtgc	atcccaacct	540
tccttctgac	aagtcccagg	atgccacttc	ctccagtcca	gcccagccgg	aggtaatagt	600
tgtccctctc	tacctgggta	atactgacag	agggcaagaa	ggcactgcca	gacctccaac	660
acctctgggg	cctcttggtt	gcgtccccc	aatcccagcg	actgcctctg	ccgcctcacc	720
tctgaccttc	ccgactctag	atgatttcat	tccccctcat	ctgcagaggt	ggccccacca	780
cagccagcca	gcccgcgcct	ctggtctctt	tgccccctt	agccagacgc	caccatcctt	840
ctcaccacca	cctccgctgg	tccctctctg	cccgaggagc	ctccgcagag	tctcggagcc	900
tgacctcacg	ggagctgttt	cgagtaccga	ttccagtcct	ctactaaatg	aagtttcttc	960
ttcccttatt	ggaactgatt	cccaagcctt	tccatcagtt	agcaagcctt	catccgccta	1020
tccctccaca	acgattgtca	atcctactat	tgtgtctctg	caacacaatc	gagaacagca	1080
aaaacgactc	agtagccttt	cagatcctgt	ctcagaaaga	agagtgggag	agcaggactc	1140
agcaccaacc	caggaaaaac	ccacctcacc	tggcaaggct	attgaaaaaa	gagcaaaagg	1200
tgacagtagg	cgggtggtga	agagcactca	ggacttaagc	gatgtttcca	tggatgaagt	1260
gggcatccca	ctccggaaca	ctgagagatc	aaaagactgg	tacaagacta	tgtttaaaca	1320
gatccacaaa	ctgaacagag	atgatgatcc	agatctgtac	tctcccagat	actcattttc	1380
tgaagacaca	aaatctcccc	tttctgtgcc	tcgtcaaaa	agtgaagatga	gctgcattga	1440

tggtgagaag	gtagtcaaga	ggctggccac	actaccctc	ccagcccgt	cttcctcact	1500
gaagtcaagc	tcagaaaaga	atgactggga	acccccagat	aagaaagtag	atacaagaaa	1560
atatcgtgca	gagcccaaga	gcatttacga	atatcagcct	ggcaagtctt	ccgttctgac	1620
caacgaaaag	atgagctcag	ccatcagccc	tactccggaa	atttcttcag	agactcctgg	1680
atatatatat	tcttccaact	tccatgcagt	gaagaggga	tcagacgggg	ctcctgggga	1740
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ctatgcagac	atagattttt	ctgttcattt	atttttcttc	attgcagtgg	attgatttga	5880
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<210> 8423

<211> 1583

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(1196)

<223> similar to gil397319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8423

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ctccgggggg	caccgcgaag	actcggagac	cggataaacac	ggccttcaaa	cagcaacggc	240
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atgtgacacc	ttgcttttgt	accattaact	tcacactgga	aaagtcattt	gagggcaacg	480
tgtttatgta	ttatggactg	tctaatttct	atcaaaacca	tcgtcggttac	gtgaaatctc	540
gagatgatag	tcaactaaat	ggagattcta	gtgctttgct	taatcccagt	aaggaatgtg	600
aaccttatcg	aagaaatgaa	gacaaaccaa	ttgtctcctg	tggagctatt	gccaacagca	660
tgtttaaatga	tacattagaa	ttgtttctca	ttggcaatga	ttcttatcct	atacctatcg	720
ctttgaaaaa	gaaaggtatt	gcttggtgga	cagataaaaa	tgtgaaattc	agaaatcccc	780
ctggaggaga	caacctggaa	gaacgattta	aaggtacaac	aaagcctgtg	aactggctta	840
aaccagttta	catgctggat	tctgacctag	ataataatgg	attcataaat	gaggatttta	900
ttgtttggat	gcgtactgca	gcattacctt	cttttcgcaa	gttgatcgt	cttatagaaa	960
ggaaaagtga	tttacatcca	acattaccag	ctggccgata	ctctttgaat	gtcacatata	1020
attaccctgt	acattatttt	gatggacgaa	aacggatgat	cttgagcact	atttcattgga	1080

tgggaggaaa	aaatccattt	ttggggattg	cttacatcgc	tgttgatcc	atctccttcc	1140
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acattaccat	ttaattttat	attatgaaag	caaatcatct	gcatgtgcat	caaggccagt	1260
cctattcaac	ctagctttcg	aatgctgata	tctggttagt	atgtcatttt	gaagggggca	1320
cataactttt	ctaaaaaaaa	gcagtctttg	ttgtttgctt	cttccctacg	gatgacttct	1380
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tttcatgtga	cttgtgtcta	ctgcttaa	ctttatgctg	tgttgatgat	attatattga	1560
catatgaagc	tgtaaaaaaa	aaa				1583

<210> 8424

<211> 2799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (125)...(1253)

<223> similar to gi4007163 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8424						
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cgagaaagaa	cccgaaatgc	ccggtcccag	agaggagagc	gaggaggaag	aggacgagga	240
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tgtgtcctca	ttaaagaaga	atgtgggtca	gttcagtggc	tttccatttg	aaaaagggaag	540
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ttgtagcaaa	ggcagtaaaa	aggaacggaa	cagttctgga	atggcaagga	aggctaagcg	780
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aactgaaaga	aaagatttca	taaaaacaac	tgtaaaagag	ctaatttctt	gagatagagg	1260
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<210> 8425

<211> 4210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(743)

<223> similar to gi577291 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8425						
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aagtgatcag	aagaggaccc	cagcaggtgt	gagccgtgag	ctgggaggtg	cttcagtagt	3060
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ttcactgcat	agtcctctgt	gatggacact	tgagtgttca	gattttttgc	tggtatatct	3180
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tgccagcctt	gggcatcaca	tttaccagtt	taatagattg	taaaaccata	tcttaattgg	3420
ctaccctgaa	gccaccatac	tggagaggct	gcgtacagtg	tttcacgtag	agagagggat	3480
accaggagg	cccacctgct	ccaaccccag	ctgcatgagt	cttcccagcc	caggcacaga	3540
catgtggata	agattttaa	atcttcagcc	ccagccttca	agcaatccta	gttgacactg	3600
aggggagcca	acataagctg	agctgagaaa	cagtctgccc	agtctgcaga	ttcatgagca	3660
aaagaaatgt	tgggctgggt	acagtggctc	acgcctgtaa	tcccagtact	ttgggaggcc	3720
gaggtgggtg	gatcagttga	ggtcaggagt	ttgagaccag	cctggccaac	atggtgaagc	3780
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aaaatttttt	aagagaaatg	tcatttgttt	ttgtttttga	gacaggggtc	cactctgttg	4020
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gatcttccca	ccacagcctc	ccaaatagct	gggagaaatg	tctgtttttt	aatgaatttg	4140
tcttcttttt	tgtcttgttt	gttttaatat	ctagtgatct	aataaatttg	gatgatattc	4200
tttgactatc						4210

```
<210> 8426
<211> 1319
<212> DNA
<213> Homo sapiens
```

[illegible]

```

<400> 8427
tttttttctg ttttgacaca tggataaact tttattgaca taccaaaggg aaaaaaacca 60
atattcactg aaggctgccg aatctatatt cctaagagta aagggtgtta attgactctc 120
cactcttaaa acactttgta tgaaatatag ctaggaatat acataaagaa ttcagattac 180
aaaactctcc aggaaatcga tagtgatcat ataatactgg aactacagtt aaaaacaaaa 240
caaaccaatc tttgaggatt cctaactgta gtttacttga cagtgcagat catctgtacc 300
aactttctat agcaagttgt aataggcaat tgtaagcaaa cagtatcaat ctgtgtaact 360
tgtaaaaatt catctgaagt tgtttgagc tgtatgacaa tggatgttat tcttcgggt 420
ctccagcag ctctacaaaa tcagtgatat accatttggc gttatccttg acttggtgcc 480
tgatcacatt tctccaaat ccaatgaaag catccgattc cttcttcaact gatgaccgtg 540
ctgtcaacat caaaacacac agcatctgct gagtagaaaa gcttcctcag ctctgagtgg 600
gagatcatcc ttggaagaat tttcctccca ggctcaggtg aggcgagtg gcgcggggg 660
ctgcagctgg cgctggccat tgagaagctt ctgcgctacc ttgcgatcgt gcccgccact 720
tccgcagga cgggaagtcg taaagctcct cctggtagct tataggcggc ggcggccagg 780
cagaagcctg cggacaccca acagccactt tagctgacgc cagccaggga gcctgtggct 840
t

```

```

<210> 8428
<211> 2137
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (43)...(1313)
<223> similar to gil199524 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8428
cccggaattt cgggtcgac gatttcgtag attacaacgg tgatggcggg caagcggctcc 60
ggctggagcc gggcggtct cctccagctc cttctcggcg tgaacctggg ggtgatgccg 120
cccacccggg cccgagctct gcgcttcgtt accttgcgtg accgccatgg agaccgttca 180
ccagtgaaga catatcccaa ggacccttat caggaagaag aatggcccca ggggtttggg 240
cagttaacca aggaggggat gctacagcac tgggaactgg gccagccct gcggcagcgc 300
tatcacggct tctaaacac ctcttatcac cggcaagagg tttatgtgcg aagcacagac 360
tttgaccgga ctctcatgag tgctgaggcc aacctggctg gactcttccc tcccaacggg 420
atgcagcgt tcaaccgaa catctcgtgg cagcctattc ctgtgcacac tgtgcccatc 480
actgaggaca ggctgctgaa gttcccgttg ggcccatgtc cccgttatga gcagctgcag 540
aacgagacc ggagacacc agagtatcag aatgagagtt ctcggaatgc acaatttctg 600
gacatggtgg ccaacgagac agggcttaca gacctgacac tggagaccgt ctggaatgtc 660
tatgacacac tcttctgtga gcaaacgcac gggctgcgcc tgccgccctg ggccctaccc 720
caaaccatgc agcgtctcag cgggctaaag gacttcagct tccgcttct cttcggaatc 780
taccagcagg cggagaaggc cgggcttcag gggggagtcc tgctggctca gataagggaag 840
aacctgaccc taatggcgac cacctcccag ctcccgaagc tgctggttta ctctgcgcac 900
gacactaccc tgggtgccct gcaaattggc ctggatgtct acaatggtga acaagcccc 960
tacgctcct gccacatatt tgaactgtac caggaagatt ctgggaattt ctgagtgag 1020
atgtactttc ggaacgagag tgacaaggcc ccctggccgc tcagcctgcc tggctgccct 1080
caccgctgcc cactgcagga cttccttcgc ctcacagagc ccgtcgtgcc caaggattgg 1140
cagcaggagt gccagctggc aagcggctc gacagacag aggtgattgt ggcccttggct 1200
gtatgtggct ccactcctt cctcctcata gtgctgctcc tcaccgtcct cttccggatg 1260

```

caggcccagc	ctcctggcta	ccgccacgtc	gcagatgggg	aggaccacgc	ctgacaacca	1320
ctcagccccc	ttccctccac	ctcctagggg	aggtgggctg	ggccctcgct	cctgactgtt	1380
gctgctcccc	agcccatgga	caggagatcc	tgggttgggc	ctccctctga	tgaccccagc	1440
cagatgagcg	agtggggctc	agcgtggccc	atgggtgctg	tcactcagca	ttcccatgcc	1500
tgatgtttac	caagtgtgtg	gttggacact	ggctttctcc	aaacaggatt	tgccctctcc	1560
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agaaaatggc	agagtgggtg	ctggatccac	cttgcacttc	tatcaagccc	tgttcttttt	1680
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atcacccaac	agccagccag	ccacatttcc	ctgtgtctgg	ctagagccac	cattagactc	1860
agacagaatg	cttcaggaat	cgttgtcacc	ccttcaactg	gagcaggacg	gaaggttgtc	1920
tgtacttggg	agggagtggg	gagtgggtgg	aagggagtgt	cttgtcacac	gaatcaggaa	1980
actgctctcc	ctcagctggg	ctggggcttc	cagggacctg	agctacatgc	aggttgtgag	2040
ctggaaaaga	aagttctaga	ctgtggccca	gaatagggct	ggggcagctc	ccagagaatg	2100
aatagtgtcg	tttcctattg	gactgataaa	aaaaaaa			2137

<210> 8429

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (153)...(1475)

<223> similar to gi2429516 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8429

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cgccggcggc	tgccggggcg	gcgaggcgcg	aggagctaga	tatggatgta	atgaggccct	120
tgataaatga	gcagaatttt	gatgggacat	cagatgaaga	acatgagcaa	gagcttctgc	180
ctgttcagaa	gcattaccaa	cttgatgata	aagagggcat	ttcatttgta	caaactctta	240
tgcaccttct	taaaggaaat	attggaactg	gccttttagg	acttccattg	gcaataaaaa	300
atgcaggcat	agtgtctgga	ccaatcagcc	ttgtgtttat	aggaattatt	tctgttcact	360
gtatgcacat	attggtacgt	tgcagtcact	ttctatgtct	gaggtttaaa	aagtcaacat	420
taggttatag	tgacactgtg	agctttgcta	tggaaagtga	tccttgagtg	tgtcttcaga	480
agcaagcagc	atgggggcgc	agtgtgggtg	acttttttct	ggtgataaca	cagctgggat	540
tctgtagtgt	ttatattgtc	ttcttagctg	aaaatgtgaa	acaagttcat	gaaggattcc	600
tggagagtaa	agtgtttatt	tcaaatagta	ccaattcatc	aaacccttgt	gagagaagaa	660
gtgttgacct	aaggatatat	atgctttgct	ttcttccatt	tataattctt	ttggtcttca	720
ttcgtgaact	aaagaatcta	tttgtacttt	cattccttgc	caacgtttcc	atggctgtca	780
gtcttgtgat	aatttaccag	tatgttgtca	ggaacatgcc	agatccccac	aaccttccaa	840
tagtggctgg	ttggaagaaa	taccactctt	tttttggtac	tgctgtattt	gcttttgaag	900
gcataaggat	ggtccttcca	ctggaaaacc	aaatgaaaga	atcaaagcgt	ttccctcaag	960
cgttgaatat	tggcatgggg	attgttacaa	ctttgtatgt	aacattagct	actttaggat	1020
atatgtgttt	ccatgatgaa	atcaaaggca	gcataacttt	aaatcttccc	caagatgtat	1080
ggttatatca	atcagtgaag	attctatatt	cctttggcat	ttttgtgaca	tattcaattc	1140
agttctatgt	tccagcagag	atcattatcc	ctgggatcac	atccaaattt	catactaaat	1200
ggaagcaaat	ctgtgaattt	gggataagat	ccttcttggt	tagtattact	tgtgccggag	1260
caattcttat	tctcgttta	gacattgtga	tttccttcgt	tggagctgtg	agcagcagca	1320

cattggccct	aatcctgcc	cctttggtt	aaattcttac	attttcgaag	gaacattata	1380
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taggtacata	tataactggt	gaagaaatta	tttatcctac	tcccaaagtt	gtagctggca	1500
ctccacagag	tccttttcta	aatttgaatt	caacatgctt	aacatctggt	ttgaaatagt	1560
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ttaatatattt	ggaagtaatc	ataactcttt	accagtagtg	gtaaaccctat	gaaaaatcct	1740
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tgtaaaaaaa	ttaaagaata	aaaatacttc	tattattctt	ttatctcagt	aagaaatacc	1860
ttaaccaaga	tatctctctt	ttatgctact	cttttgccac	tcacttgaga	acagaatagg	1920
atttcaacaa	taagagaata	aaataagaac	atgtataaca	aaaagctctc	tccagatcat	1980
ccctgtgaat	gccaaagtaa	actttatgta	cagtgtaaaa	aaaaaaaaatc	tcagttatgt	2040
ttttattagc	caaattctaa	tgattggctc	ctggaagtat	agaaaaactcc	cattaacata	2100
atataagcat	cagaaaattg	caaacactag	gaattaattt	tacactctaa	atggtagttg	2160
atcttcatag	tcaagaggca	ctgttcaaga	tcattgactta	gtgtttcaat	gaaatttgaa	2220
aagggacttt	aaaacttatc	cagtgcacct	cccttgtttt	tcgtcagagg	aaaaggaggc	2280
ctagaaaggt	taagtaactt	ggtcgagacc	actcagcctt	gagatcaaga	aaacctaata	2340
tttctgactc	ccaggccagg	gatggt				2366

<210> 8430

<211> 1915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (317)...(861)

<223> similar to gi3900855 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8430						
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catccaggat	gcggctctga	agcgctctgc	gctgctggag	gacatcggtg	accggcagct	120
gaatggctta	tccaaatccc	ttgggctcat	tgaaggttat	ggtgggcggg	gtaaaggggg	180
ccttccggct	actctttccc	cggttgaaag	agaaaaggct	aagggacccc	atgagaagta	240
tggctacaat	tcatacctca	gtgaaaaaat	ttcactggac	cgttccattc	cggattatcg	300
tcaccaccaag	tgtaaggagc	tcaagtactc	caaggacctg	ccccagatat	ccatcatatt	360
catcttcgtg	aacgaggccc	tgtcgggtgat	cctgcgggtc	gtgcacagtg	ccgtcaatca	420
cacgcccaca	cacctgctga	aggaaatcat	tctggtggat	gacaacagcg	acgaagagga	480
gctgaagggtc	cccctagagg	agtatgtcca	caaacgctac	cccgggctgg	tgaagggtgg	540
aagaaatcag	aagaggggaag	gcctgatccg	cgctcgctac	gagggctgga	aggtggctac	600
cgggcagggtc	actggcttct	ttgatgccca	cgtggaattc	accgctggct	gggtgagcc	660
ggttctatcc	cgcattccagg	aaaaccggaa	gcgtgtgatc	ctcccccca	ttgacaacat	720
caaacaggac	aactttgagg	tgcagcggta	cgagaactcg	gcccacgggt	acagctggga	780
gctgtggtgc	atgtacatca	gccccccaaa	agactggtgg	gacgccggag	acccttctct	840
ccccatcagg	acccagcca	tgataggctg	ctcgttcctg	gtcaacagga	agttcttcgg	900
tgaaattggt	cttctggatc	ctggcatgga	tgtatacggg	ggagaaaata	ttgaactggg	960
aatcaaggta	tggtctgtg	ggggcagcat	ggaggtcctt	ccttgctcac	gggtggccca	1020
cattgagcgg	aagaagaagc	catataatag	caacattggc	ttctacacca	agaggaatgc	1080
tcttcgcggt	gctgaggtct	ggatggacga	ttacaagtct	catgtgtaca	tagcgtggaa	1140

cctgccgctg	gagaatccgg	gaattgacat	cggtgatgtc	tccgaaagaa	gagcattaag	1200
gaaaagttaa	aagtgttaaga	atttccagt	gtacctggac	catgtttacc	cagaaatgag	1260
aagatacaat	aataccgttg	cttacgggga	gcttcgcaac	aacaaggcaa	aagacgtctg	1320
cttggaccag	gggccgctgg	agaaccacac	agcaatattg	tatccgtgcc	atggctgggg	1380
accacagctt	gcccgtaca	ccaaggaagg	cttcctgcac	ttgggtgccc	tggggaccac	1440
cacactcctc	cctgacaccc	gctgcctggt	ggacaactcc	aagagtcggc	tgccccagct	1500
cctggactgc	gacaaggtca	agagcagcct	gtacaagcgc	tggaacttca	tccagaatgg	1560
agccatcatg	aacaagggca	cgggacgctg	cctggagggtg	gagaaccggg	gcctggctgg	1620
catcgacctc	atcctccgca	gctgcacagg	tcagagggtg	accattaaga	actccatcaa	1680
gtagagggag	ggagctgggg	cactggagcc	tggccccag	gacatggctg	ctcccccaa	1740
catctggacc	agctgccctg	gcggagagac	agcaaggggc	cggcagggtc	tcgatgggcc	1800
ccccagggct	tctccagggc	agcacaggga	ccccggatga	agactctgtc	ccccctcagg	1860
cattcagctg	cccacaagtt	tcctgcaccc	tggaaaagcc	ccccacact	gtatt	1915

<210> 8431

<211> 1816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (398)...(987)

<223> similar to gi4416432 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8431						60
gcggccgctc	tggccccgtg	tccagtgcc	ggcaggcttc	agggcacccgt	cctcgccct	120
gggcgaggga	accgccgggc	cggtcctcg	cgcggggaag	cggttccgaa	ggctcgcggg	180
gagcggctag	ccctgagtc	ctgcatgtgc	ggggctgaag	aaggaagcca	gaagcctcct	240
agcctcgctc	ccacgcttgc	tgaataccaa	gctgcaggcg	agctgccggg	cgcttttctc	300
tcctccaatt	cagagtagac	aaaccacggg	gatttctttc	cagggtaggg	gagggggccgg	360
gccccgggtc	ccaactcgca	ctcaagtctt	cgctgccatg	ggggccgtca	tgggacacct	420
ctcatctctg	caaaccaaac	aaaggcgacc	ctcgaaagat	aagattgaag	atgagctgga	480
gatgaccatg	gtttgccatc	ggcccagagg	actggagcag	ctcgaggccc	agaccaactt	540
caccaagagg	gagctgcagg	tcctttatcg	aggcttcaaa	aatgagtgcc	ccagtgggtg	600
ggtcaacgaa	gacacattca	agcagatcta	tgctcagttt	ttccctcatg	gagatgccag	660
cacgtatgcc	cattacctct	tcaatgcctt	cgacaccact	cagacaggct	ccgtgaagtt	720
cgaggacttt	gtaaccgctc	tgtcgatttt	attgagagga	actgtccacg	agaaactaag	780
gtggacattt	aatttgatg	acatcaacaa	ggacggatac	ataaaccaag	aggagatgat	840
ggacattgtc	aaagccatct	atgacatgat	ggggaaatac	acatatcctg	tgctcaaaga	900
ggacactcca	aggcagcatg	tggacgtctt	cttcagaaa	atggacaaaa	ataaagatgg	960
catcgtaact	ttagatgaat	ttcttgaatc	atgtcaggag	gacgacaaca	tcagtgggtc	1020
tctccagctg	tttcaaaatg	tcagtgaact	ggtgacactc	agccattcag	ctctcagaga	1080
cattgtacta	aacaaccacc	ttaacaccct	gatctgccct	tggtctgatt	ttacacacca	1140
actcttggga	cagaaacacc	ttttacactt	tggagaatt	ctctgctgaa	gactttctat	1200
ggaaccagc	atcatgtggc	tcagtctctg	attgccaaact	cttcctcttt	cttctctctg	1260
agagagacaa	gatgaaattt	gagtttgttt	tggaaagcatg	ctcatctcct	cacactgctg	1320
ccctatggaa	ggtccctctg	cttaagctta	aacagtagtg	cacaaaatat	gctgcttacg	1380
tgccccagc	ccactgcctc	caagtcaggc	agaccttggg	gaatctggaa	gcaagaggac	1440
ctgagccaga	tgcacaccat	ctctgatggc	ctcccaaacc	aatgtgcctg	tttctcttcc	

tttgggtggga	agaatgagag	ttatccagaa	caattaggat	ctgtcatgac	cagattggga	1500
gagccagcac	ctaacatatg	tgggatagga	ctgaattatt	aagcatgaca	ttgtctgatg	1560
acccaaactg	cccatgtcat	ttgtttccag	aaacgaggac	caataattct	ctcacactgg	1620
catttgtgct	ggtagtacaa	gtcctttaat	atgtccagga	agggagccat	tgcccagtgg	1680
tccatatctc	caccacatcc	cctgcttgag	cccagcgctg	catgtccctc	ccaagaagtc	1740
cagaatgcct	gcaaattgct	gtaattttat	accatgttgt	aaccaataaa	cagaactatt	1800
tcttacaaaa	aaaccc					1816

<210> 8432
 <211> 1232
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (275)...(1141)
 <223> similar to gi2108328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8432						
agccgggggac	tagcgggttcc	tttccgatgc	tctttccatc	tgccctccac	gtgacagggc	60
ttgcgctgct	tctatattatc	agtttgcttg	tttcaggcat	ttcacgtgga	ccaggtggat	120
catctgtgcg	tgcagctgcc	ttggccctct	cagttgcccc	cgccccgtgg	gagtcggggg	180
attccatcct	tcgtgatggc	atccataccg	ggttgagatt	tgaagacctt	gcttctcatc	240
acccactgga	ttatgcccc	ggctttccta	cccaatgata	ctcttgcaac	acgccgtgct	300
tcctccacct	aagcagccct	caccctcgcc	tcctatgtca	gtggccacca	ggtctacagg	360
aaccttgcag	cttccaccac	agaagccttt	tgggcaggag	gcttccttgc	ctcttgcagg	420
ggaagaagag	ttatcgaagg	gaggggagca	agactgtgcc	ctggaggagc	tatgtaagcc	480
cctgtactgc	aaactctgca	atgtcacctt	gaactctgca	cagcaagccc	aggctcatta	540
tcagggtaaa	aatcatggta	agaaactccg	aaattactat	gcagcaaata	gctgtcctcc	600
tcctgctaga	atgagcaatg	tggtcgagcc	tgcagctact	ccagttgttc	cagtccctcc	660
gcagatgggc	tcctttaagc	caggaggccg	agtgatcctg	gccacggaga	atgattactg	720
taagctctgt	gatgcctcct	tcagttcccc	agctgtggct	caggctcact	atcaagggaa	780
gaatcatgcc	aagaggctgc	ggctggcgga	agctcagagt	aactcattct	cggaatcctc	840
agagctgggt	caacggcggg	ccaggaaaga	agggaatgag	tttaagatga	tgccaaacag	900
gagaaatatg	tatacagtac	agaataatc	aggctcctac	ttcaatcccc	gctctcggca	960
gagaattcca	cgtgatctgg	ccatgtgtgt	tactccaagt	ggccagtttt	actgctcaat	1020
gtgtaatgtt	ggagctggcg	aagagatgga	attccggcag	catttagaga	gcaagcaaca	1080
taagagcaag	gtgtctgaac	agcggtagag	gaatgagatg	gagaatctgg	gatatgtata	1140
gtgattatca	tattaagata	gagcagcttt	tcctgcctgt	tgtttgcctt	ttgtcaactt	1200
gccttgcttt	gtggtctttt	tgatatgagt	ac			1232

<210> 8433
 <211> 1418
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (280)...(444)
<223> similar to gi53608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8433
tttcgtcttc gctgtcggcg atttcgtgtc gcaggggggc gcctggccgg agctgggctc 60
cgagaatccc ggggtgccagc accagagcag cggctctccg cactaactct cctctcctgg 120
tcagctgtaa cccctgccgc agagcccggc aactttcagc tgtcgccgc ggagccccga 180
gggccactcg cctcacctgt gcgtgcagcg cctcgcgcg cctgtccggc tgcggagatg 240
agcgagctta atacaaaac atccccagca accaaccagg cagctggcca agaggaaaaa 300
ggaaaagctg gcaatgtcaa gaaggcggag gaggaggagg agattgacat tgatctgaca 360
gcaccagaaa cagagaaggc tgcccttgct attcagggca agttccggcg atttcagaaa 420
aggaaaaagg atcccagctc ctgaatggcc aggcttgccc ttcaccttca ccttcatgct 480
gggcccttct ctccccctt ccacacccat gtatctttat cccttgctcc tctagccttt 540
ccttgaggca aggtcaacct ttatatactc ttgtatctgg cccctcaag ccatcacaga 600
agtagaggca caagagaggt ggagaagatg aagacttcaa tcagcagtca ctagtctaag 660
ggtggaacaa tttcttcttg gtataaggtt ctttgatcag tagctatgcc tgccctgtag 720
ggctaaacaa gaggtctcga ggctgagaga tctcccaaaa gaacaatgtg ggaaggaggg 780
gaaggctttc agagtagggt gcctgagggt gggacatatg cactgttctg ctagttagcg 840
cattcacact ttaggtaaca ttttttttcc ccttcagatc cttctgcacc aactccaact 900
tccccctcca ggatctaagc cacagtgggg actggagcct cgttttcccc ctaggcagac 960
ctaaatcaag cagcttacca caatagtgc tgctgagtag attagttcca aggaaggagg 1020
actggaatgc tgggtgtcaag gaaaagcctc cctcatcatc tagtctaaga ccataacggg 1080
cagaagcata agaggttcca gggccatagg agaatgagaa gtagggcaca tataggaggg 1140
aaagaaaagt gaagaagggg gaaatctctg aattttttta ctgctgggaa aagtgtacta 1200
catgaaggat gcttggggct ttgctaacct gctccccgct aaccctcaa gtttaaccat 1260
ccccagaggc cacacaaacc aagtgaactc tgtagtcccc atttgcccc ctatggagtc 1320
agggcaaaaag tggaagagcc cctccatgtg attttagcat gtttaatcat tttaacaata 1380
aaccctccca caaatgggtt catttaacct ctaaaaaa 1418

```

```

<210> 8434
<211> 1073
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (352)...(882)
<223> similar to gi5823146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8434
tttcgtgtgg aaaccgctag gccagcgtc gccgggacct ggaatccctg ttcgccgagg 60
tgggagccgg tggaccggtc cccagccgg ccccaacctc cgcttcccgg tgtttgaggg 120

```


ttcgggcctc	ccgcccggga	gttcacccct	cgggctcgtc	agtagggctg	tggtgtgcgc	180
ctcttcctgc	agcgccaggc	tccgcccggg	ctcacagtcg	gcttaggggc	tttgctgca	240
ctgcgggttg	gtggaaaaac	ccactcctgg	ttgttttagac	gttggcctgc	agacgatgtc	300
atttctgtat	tcctctaagg	caggaagtca	ttatgcaact	tacacatatt	catcagattt	360
cctctgactt	acccggacat	gtacatggga	atgatgtgca	ctgccaagaa	atgtgggatt	420
aggtttcagc	ctccagctat	tatcttaatc	tatgagagtg	aaatcaaggg	gaaaattcgc	480
cagcgcatta	tgccagttcg	aaacttttca	aagttttcag	attgcaccag	agctgctgaa	540
caattaaaga	ataatccgcg	acacaagagt	tacctagaac	aagtatccct	gaggcagcta	600
gagaagctat	tcagtttttt	acgaggttac	ttgtcggggc	agagtctggc	agaaacaatg	660
gaacaaattc	aacgggaaac	aaccattgat	cctgaggaag	acctgaacaa	actagatgac	720
aaggagcttg	ccaaaagaaa	gagcatcatg	gatgaacttt	ttgagaaaaa	tcagaagaag	780
aaggatgatc	caaattttgt	ttatgacatt	gaggttgaat	ttccacagga	cgatcaactg	840
cagtccgtg	gctgggacac	agagtcagct	gatgagttct	gataccaaac	actcaaaaca	900
tgcattgggc	tagcagaata	tccatgttta	ttaccagact	ggttctggaa	gaagctgtaa	960
agaatactaa	atatgttg	ttatagggga	ttgaccatgt	tacttttcaa	aaccagcact	1020
ttgggaggct	taggcgggtg	gatcacctaa	gggcaggagt	tcgagcccag	cct	1073

<210> 8435

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(1340)

<223> similar to gi4580013 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8435						
tttctgtggtg	ggggcagcgg	gcgcggggcg	ggcgcggggga	ccgcgccagc	ctgtcactaa	60
tgtctccctt	tgtgtctccc	ccatctcatc	cttttccccg	gcgcgcgggg	cccgccgacc	120
ccacaggaag	gcctggacga	cggcccggac	ttcctctcag	aagaggaccg	cggacttaaa	180
gcaataaatg	tagatcttca	aagtgatgct	gctctgcagg	tggacatttc	tgatgtctct	240
agtgagcggg	ataaagtaaa	attcactgtt	cacacaaaga	gttcattgcc	aaattttaaa	300
caaaaacgag	tttcagttgt	tcggcaacat	gaggaattta	tctggcttca	tgattccttt	360
gttgaaaaatg	aagactatgc	aggttatatc	attccaccag	caccaccaag	acctgatttt	420
gatgcttcaa	gggaaaaaact	acagaagcct	ggtgaaggag	aagggtcaat	gacgaaggaa	480
gaattcacia	agatgaaaca	ggaactggaa	gctgaatatt	tggcaatatt	caagaagaca	540
gttgcgatgc	atgaagtgtt	cctgtgtcgt	gtggcagcac	atcctatttt	gagaagagat	600
ttaaatttcc	atgtcttctt	ggaatataat	caagatttga	gtgtgcgagg	aaaaaataaa	660
aaagagaaac	ttgaagactt	ctttaaaaac	atggttaa	cagcagatgg	agtaatcggt	720
tcaggagtaa	aggatgtaga	tgatttcttt	gagcacgaac	gaacatttct	tttggaatat	780
cataaccgag	ttaaggatgc	atctgctaaa	tctgatagaa	tgacaagatc	ccacaaaagt	840
gctgcagatg	attacaatag	aattgggtct	tcattatatg	ctttaggaac	tcaggattct	900
acagatatat	gcaagttttt	tctcaaagtt	tcagaactgt	tcgataaaac	aagaaaaata	960
gaagcacgag	tgtctgctga	tgaagacctc	aaactttctg	atctttttaa	atattactta	1020
agagaatctc	aagctgctaa	ggatctcctg	tatcgaaggt	ctaggtcact	agtggattat	1080
gaaaatgcta	ataaagcact	ggataaagca	agagcaaaaa	ataaagatgt	tctacaggcc	1140
gaaacttccc	aacaattatg	ttgtcagaaa	tttgaaaaaa	tatctgagtc	tgcaaaacaa	1200
gaacttatag	attttaagac	aagaagagtt	gctgcattca	gaaaaaattt	agtggaaactg	1260

gcagagttag	aactgaagca	tgcaaaggg	aatctacagt	tgctgcagaa	ctgcctggca	1320
gtgttaaatg	gagacacata	agccacactc	cgccttcctg	ttaaaaaggg	ctgccttcct	1380
tcaaatttta	tttttgtttt	cttaatgatg	ttaagcattt	atgctcactg	gaaacaaaca	1440
aaaagcagct	gaaaaagtgc	atcaactcct	ctttttctga	gaaacatgga	gcagcgcacg	1500
cccaggcgat	gccagtctgt	gtgccgtgat	gccgcactgt	gttccccatg	acagtgggtcc	1560
atcatcgtgc	actcgtcata	ctcagaagtc	caaagttcat	tcttctttaa	agtagcctct	1620
ataactctgt	ttattttata	aatagtattc	cttatggctg	ccactcttat	ttacctttaa	1680
ataatttctg	aaatttaacc	ttttcagaat	gcattgttga	aacaagataa	agattgcctt	1740
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ctggtaaagc	atcttaatac	gacttatttt	taattactga	atatttctta	gacgttttgg	1860
gacagatttt	atgtaatctt	tataagtatg	atttctgaag	aaaagcaa	gcattagtat	1920
gtttgcctta	aacttgtaga	ctaaaccaag	tattgtaaaa	taaacagcga	taacagtgat	1980
agtttttaac	tctatgggtc	ttgtatcact	ctggaaaatg	tggagtagct	gtaataaatc	2040
tactcctgta	ttatgcttta	cagtgcaggt	cttagttttt	cttttttctc	atttcttttg	2100
aaatggcatc	tcgaacaaag	tccaccaatc	cctttacaaa	agaatgaact	gctcctctgt	2160
gtgtacttca	tagaagggtg	aatcggacag	aggcagggtta	gtgacagtta	ttcctgaaat	2220
acaggagcag	agtacagtct	gttggtggtt	cccggattcc	gcgcctagct	cagccaatta	2280
agcatgagac	ataggccatt	gagccactta	gtagttagtc	gagtggatag	attggtatgt	2340
agagggaaag	aggtctgctg	taaagaacaa	cacttgtttg	tctgtgggga	aagaaaagca	2400
gaatacttga	gatgaaagtt	ggcatacaaa	taggatacta	tcgccagtag	ttatattaca	2460
aacattatcg	gcctttctag	tgtgaatgaa	cattagacac	attattgtca	ttcctagtgt	2520
aaagttaagg	ttgctgtggt	ggatttttcc	actatctttt	tctaattttt	ctaccatttg	2580
gagaccgtag	gcatttgggc	ctgtcacccc	ttggatgggt	tcctagtgtg	tttacatttt	2640
cctgaaccct	cctgagcgcc	cgttcttggt	ctaateccca	gtcgtgatga	ttccacactt	2700
cctcagccgc	atgttgtctt	gcctcattca	tgagctggtc	agcgtttcgt	ctctttaact	2760
gacatgtttc	ccagtgtctg	ttgaactggt	gagtttcctg	tgctggctga	gtgcgttttg	2820
tccttcacgt	aaccttcgct	ggtaaaaata	agcccatgtg	atgtccacca	gtggatgaat	2880
gctggaccga	gagccctagc	ttctggatcc	aggtctaggc	ccttcactctg	ctgctctgtg	2940
gcccagggca	gggttgcttg	acctctgcct	cagttctcga	ctctaaagga	catactgacc	3000
tacctcacag	gggtgtttg	aggattaata	aatgttggtg	ctctgctttg	gaaatgtgaa	3060
aatgctgtgt	aaatgttaag	aaataactaag	tatagggccca	gaagctatac	agtgtttcac	3120
ttaaccgttt	gccattctgt	atttaccacg	gtggtctttt	ctgggggaag	gaagtagagt	3180
ggaaggtgca	tcccttggcc	cctggtttac	attattaggg	tgcttattgt	aggaatgcac	3240
tctaaaaagt	gggcgtagaa	tgaaagcagc	cgtccagtg	tcctcccttt	tctgtagttt	3300
cacttttctt	gcttcaagtt	acagcagtc	cctgaaatct	gaaaatacta	aatgaaaaac	3360
tccagaaaca	aaaaaaaaa					3379

<210> 8436

<211> 2432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(720)

<223> similar to gi217576 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8436

gacgatttcg tgcggtgcgg gcctcagtct gcggccatgg gggcgccgc gcggctgctg

60

cgagcgggtga	tcatggggggc	cccgggctcg	ggcaaggggca	ccgtgtcgtc	gcgcatcact	120
acacacttcg	agctgaagca	cctctccagc	ggggacctgc	tccgggacaa	catgctgcgg	180
ggcacagaaa	ttggcgtggt	agccaaggct	ttcattgacc	aagggaaact	catcccagat	240
gatgtcatga	ctcggctggc	ccttcctgag	ctgaaaaatc	tcacccagta	tagctggctg	300
ttggatggtt	ttccaaggac	acttccacag	gcagaagccc	tagatagagc	ttatcagatc	360
gacacagtga	ttaacctgaa	tgtgcccttt	gaggtcatta	aacaacgcct	tactgctcgc	420
tggattcatc	ccgccagtgg	ccgagtctat	aacattgaat	tcaaccctcc	caaaactgtg	480
ggcattgatg	acctgactgg	ggagcctctc	attcagcgtg	aggatgataa	accagagacg	540
gttatcaaga	gactaaaggc	ttatgaagac	caaacaaagc	cagtcctgga	atattaccag	600
aaaaaagggg	tgctggaaac	attctccgga	acagaaacca	acaagatttg	gccctatgta	660
tatgctttcc	tacaaactaa	agttccacaa	agaagccaga	aagcttcagt	tactccatga	720
ggagaaatgt	gtgtaactat	taatagtaag	atgggcaaac	ctcctagtcc	ttgcatttag	780
aagctgcttt	tcctaagact	tctagtatgt	atgaattctt	tgaaaattat	attactttta	840
tttctactga	ttttattttg	gatactaagg	atgtgccaaa	tgattcggat	actaagatgc	900
atcgtttgaa	atcatctagt	gtgtttgtatg	cagttatcct	caaaaacatc	agcgatgtct	960
gaacctttta	aacatctggt	agagcaaaat	taaaagagca	tttggtagta	atctaacttt	1020
ttgttcagtt	aataagtggg	tgataaagtt	tccatatttt	tctggaaaag	ttaaaaaaag	1080
ttacatgtca	tttggagaaa	atacgtaatc	agaaatttgt	gcatagattg	atgccaaaaa	1140
agacatttcc	agcattgtgg	aacatgggtga	gacactatat	aaaattccag	aaagaaagca	1200
actggattta	cagattttatt	gtgagacaca	aattcactgc	tgcctttaca	ctaagaaatg	1260
tatatgttaa	ccatatatgc	tgtattttatt	ttgtcgttaa	gcatactttc	agtttactca	1320
gaattttcaa	tttgctataa	agatgtatca	attagcatat	agaaaaatat	tactttaaga	1380
tgacttgttt	cctttgaaaa	tacctgtgta	ctgaggggtta	tgatttggtg	caaaaattga	1440
cataagtgct	tttacaagca	ccaaagttga	atgaattttc	aacaaaatgt	aattaaagtc	1500
tatgttttca	gttatgactc	aggttaagaa	atgtgtttta	ggatctactt	gctgggtttt	1560
ctttttgatc	caaatgtgtg	atctgccctg	ataaataaca	agttatagta	ccatctcccc	1620
cgccaataaa	aaagagaaga	aaaaagagaa	acccgtggca	ctatgtaaat	aaagtaagca	1680
tactttgttg	ttagtaaata	gatgaggcat	gcctgggaaa	tgctcccttg	gcataaatag	1740
caatcaatta	taattagtaa	acagggtgtac	caataaaaaag	aatttacatg	ataggttaac	1800
aaggaccagg	aaagtgtggt	tcctgaagga	gttctttgtt	cctgatcaaa	gaaattgata	1860
cctgttagca	ttcactgccca	ccatatttta	aggagaaaga	actctattgg	tgctcgtctga	1920
gcagccattt	aaaaattgga	atctaaagga	tggttgctga	tgtactgtgt	ggtctggtag	1980
aagtggggaa	atatgagaga	tggaggaaaa	acttgattat	gtcttccatg	gcatatttac	2040
tcttacttta	cttcgtgccca	aatcaaatga	aacaagccgt	cttacaagtc	gttattgcct	2100
ttaaaaatct	gttccgtttt	ttttccagg	tacttaaaat	acaagtgccca	gtaagtgggt	2160
cttatgtgtt	ttgggggggaa	aattttattt	cccttttctt	ctgatattta	aaaaattcat	2220
cgatctttca	agatgaacca	aggtttttta	aaagaattat	aggaaacact	tcattcttta	2280
taaaactttc	tataatgcc	ttaatgtgga	atgggttaacc	ttatgtgcct	ttcctaaaaa	2340
atgttgtgaa	ataccaaact	tatggattat	cactagggtta	tcaagcatat	attagtcttt	2400
atcagaataa	aatgaaattt	cataaaaaaa	aa			2432

<210> 8437

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (242)...(965)

<223> similar to gil669685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8437
gcgggcgctc caacatcaga atggaggatg aggagcattt aggtaagtag agggcctag 60
gccgcattac thtagcttga catatgtctt ttcttctctc taggaaaata tagtgctata 120
ccaaaagggc caagcctctg ttaaagtcac tgactttgga tcaagctgtt atgaacacca 180
gaaagtatac acgtacatcc aaagccggtt ctaccgatcc ccagaagtga tcctggggcca 240
cccctacgac gtggccattg acatgtggag cctgggctgc atcacggcgg agttgtacac 300
gggctacccc ctgttccccg gggagaatga ggtggagcag ctggcctgca tcatggagg 360
gctgggtctg ccgccagctg gcttcattca gacagcctcc aggagacaga cattctttga 420
ttccaaagg  tttcctaaaa atataaccaa caacaggggg aaaaaaagat acccagattc 480
caaggacctc acgatgggtg tgaaaacctc tgacaccagc ttcttggaact ttctcagaag 540
gtgtttggta tgggaacctt ctcttcgcat gaccccgga caggccctca agcatgcttg 600
gattcatcag tctcggaaac tcaagccaca gccaggccc cagaccctga ggaaatccaa 660
ttcctttttc cctctgaga caaggaagga caaggttcaa ggctgtcatc actcgagcag 720
aaaagatgag atcaccaaag agactacaga gaaaacaaaa gatagcccca cgaagcatgt 780
tcagattca ggtgatcagc aggactgtct ccagcacgga gctgacactg ttcagctgcc 840
tcaactggtg gacgctccca agaagtcaga ggcagctgtc ggggcggagg tgtccatgac 900
ctccccagga cagagcaaaa acttctccct caagaacaca aacgttttac cccctattgt 960
atgacctttg ctgagggtat gtctgtctcc tttccaccag tgatttgtat taagacagca 1020
cttatattgt acaatacttc agactgtttt ttttaaatac ataaaacttt atgttaaaaa 1080
actctaaaaa aaaaa 1095

```

```

<210> 8438
<211> 977
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (736)...(230)
<223> similar to gil154645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8438
tttttttttt ttgaaaacaa aggcattctgc tttatttgtt ttcagacagt agcgcatact 60
ttgttttcta aacacgtggc agccccaggc tcaggggcat atgcaggggc ccagcaggaa 120
acggcagggc acagtggctg tggteccatg attgggtccct tcttcagggc tccaagtcac 180
tgccagggca gggaaatgat tctgtctctc agcccttggt ggcggcgctc acgcagcgct 240
ggtatgcctt gaccaggctc gagcacagca gcacctcatg cgggcgatct cggtagcagt 300
ggagaatctg ggctgcaac cctgagcaga cgggctccac cctgcggggc tttattgtgc 360
tctccatctt tgaggctgcc tcatggaatt gctctgaaga cagtttatac atctcagcat 420
tcttctctct aatacgtctc agctgctcct tgtagaagggt gtcacggcgt cttagctctg 480
cctctctgct ctccagctcc ctggccagcc ggactgactt ctgctcctca tggctgatgc 540
tgccctcgcc cgtgggcagg gatgccttgg agtgcttggg ggcagcctct ctttccctct 600
ttgccacctg gaagagctta tcttgatag cagcatgtct ctgttcatac ctcttgacac 660
cctccttcat ccctgagggc tgcgtggccac cactgctccc cgacctgggc agtgtggatt 720
ctttgtgagg ggctctcaag ttgccatctt gaaggccaaa ggtagaagat gtgggagcag 780
ggggtggaga gctgggctcc ttcagcggtt tcaccacgtt ttcagacagc cggacaccct 840
gcagcaccgc gaccgctcc tctcgtcca ctccgaagga caccctgcgg ccctcgctgc 900

```

tctccgtgct ccccatggcg agatgccgca gggccggcag ccaccagacc cgagacccgg 960
ctccagagca accgggc 977

<210> 8439
<211> 1723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1596)...(992)
<223> similar to gi4586930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8439
ttttttttaa aatgatagca atttactata acaaccataa aatcatcagg ctactgacag 60
ctggagaaat tccacatgct aagcaactca actccaaaga aatattagag gtttgagatg 120
aaaaatacac ttgaacctgt aattgaatta gacaagcctc actgcacgta gggctacagc 180
ggtcaccagg acacaaagca aatgtcgggt taccagaagt gcagttatca gccatcagtg 240
atattattgga gtgcctttta ataaatacca agtgtacatc caactggatc cccacagtcc 300
aaaagtgggc aggtccccct aagaaattta caagcacttt aagtaaattc aaaatacata 360
ttattttgtt caatcccaac agtccttctt gcgggaggga cagaaggcct agtgataaac 420
agagtctcag taatgcacag tgattctgat tgaagctttt gtacaaaaaac ttgttcccag 480
tagcatgcac ccaccaataa agacttcagt acaaaaaatt aaccctaagc actacattta 540
agtagaaacg agatataatt ctgaatgtgt tttcccaaag atcacataaa agaaaaaaaa 600
atcaaaatca aataaacaac acaaaaaaaa acaaaaccac acagtaatac aaagctttgt 660
aagaaagctc ttactattac agtccaaca ttgtttgcac tgaaaacaaa agttcccac 720
tatgatgagg tgggaaaaaa tcccaaatct ttcaagttaa cagaaatcaa caagggaata 780
aaatgagaga taaaagagag cgtgggagag aggaaggggg gcaggaagaa ctgggatggg 840
aagatggaca acataccatc acaaaatggt tccaaattta ataaaaatag gaaaaataaga 900
accgaggtct ggaggggtgg gcagggctac cgatgcactt ggtgaatgtg cttgcacagg 960
tcccgcgggg cggcaggcag caggccccta tgtggcgtag cgcttggtcc actgtctggc 1020
catccgggtc tgcctctgctc tgttggtcat gtactgtgtg gcgatgctgc ccaccagagg 1080
gtcagcaggg ttgcaatctg taagaagtga gcagatggag aggagaactt tagaaatagt 1140
taaagccgga ctccagttgt cctttaagat gtccagacag atcacacctt ggctgttaat 1200
attacagtga tagattcttg ttcggaaggt aaccttaggg ggtttaaacg gatagtctgg 1260
tgaaaaggta atgtcaagaa agaacacccc tccttcatac acagatcctg ggggtcccaa 1320
tatagttgac ctccattcat aaatgttgtc tcctttgggt ccagcactac agttgggagg 1380
agggtccaat gtgatttctg caagtccctt ctgaattctt ttagcactag ttgacaattt 1440
agcagcgggt ttgctggata tttttccctc ctttttcttg ggctgaactt gttctctttc 1500
tggttcttgc tgaacacttt cacgttgatc tccatcgga cttcctccac tagtgcttgg 1560
actgtcatca actctttgtg cctcagtgga catttttagat ccctcagcgc cgccgctgcc 1620
gccgcccccg gccgttccag ctccggctcc tgaggctgct gcccgcggtc gtcgctgtgg 1680
ctgcccctga gtcctggaaa gtgcggacgc gtgggtcgac acg 1723

<210> 8440

<211> 4928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4929)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4597)...(4037)
 <223> similar to gi4884386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8440
tttttttttt ttagtgttct gtgtgcacat ttatttcttt caaagattgt ttgtgttcca      60
gccacatctt ctccaaagga acccacccaa gcccggtgtc aggcttgctg cagggctgtc      120
ttcggcgttt aaagtgtctac tgaggaatac aatcattgtc acgtaagtcc atcaccgcac      180
tccagcgta ggcctaacct ttccgtggac ctggaaaaacc tgccattttc ttctcttttt      240
acaatgcagt ttgcacataa cattggtaga gtaaacacaa aaccacaagc ctaaagtgtg      300
aatggtgctg tgctgcccag ctgctaactg agagaacgag gcagtgtatt gtgtttcgaa      360
tgcaaacggt catggaccca agttaacctg agtttgctct gcaggattcc gcgggggcct      420
tgccctgtgc aggctgcttt ggtcttcgtg tctaggccgg tttggggcag tggggagagg      480
gcctggcagc aggggtttacg ccagccccga ggtctgtttt ccgtcagaca gagatacgtg      540
tcctgccttc caccatccac caatttgtac tctgaagttt ccagatcaag agccgtgaga      600
ttactacca ggaacacact gccttcggtg gccagcagtg taaattaatc ttccctctc      660
tgctcaaagc aactttgcaa ctctcgtcta tagagggtggc cagtaaaacc caagcaaaaa      720
tctaaacggg caccaggtgg ccactgagtg ggcactggtc gagtagcagt tggtcataag      780
ggatcagggc tggttttgaa ctccagactg aaacttgacg aaaataaagt gctctgtcaa      840
aactctcaca gcaggttttc agctggaaca aggagatggc tactttttgt tattgtctaca      900
ataacacacg cgtgtgtgca aacacacata acacacacac acacttaag ctccatttca      960
ctcctccaca aagaacagag gcacctcctt aaacaaagca aacggggaag ggttgcaagc     1020
tcattaaaa caacatgagc acccagttcc agagatacag acacaattaa tcttagtgtt     1080
catgaggaat tgttttttaa acacaactgg gcaaaaacttt catccagaca aaagccaaaa     1140
acaaaagccc tcaagccaca aaagcttgta gaagaggtga ggcgataaag gtgatttaca     1200
catcagtatt tttagcattt ggtggataat cttaatttat ctttaacctt cacaacattt     1260
actttgtcat aaatacccta caccatgaaa aaacaaacct gtataaaaca gcttggaaaa     1320
caaacattca cagtatcaat acagcccatt tctcacgggg ctaccctga agctagccga     1380
cgtgttgccc tttgcctttg cttcataaac tccctcccat gttggtgttt tctgttaactt     1440
cagaaaaggc cattggatgg agacaacgtg tgcgtgtcta caggaagcag agccctagac     1500
cttgggtattc aacagtaagc agcgctcatg ggattcatct ggaaatggaa tagttaaaac     1560
cttttttttt ttttgagagc aagaaggcct aatataaaat cctggggccg gcctgggtggc     1620
tcatgcctat aatcccagca cgctgggagg ccaaggtggg tggatcacct gaggtcagga     1680
gttogagacc agcctgacca acatggtgag actccatttc tactaaatag aattagccag     1740
gtgtggtggc gcgtgcctgt aatcccagct acttgggagg ctgaggcagg agaatcgctt     1800
gaaccaggag gtggaggttg cagtaagctg ccattgcact ccagcctggg caaccgagtg     1860
aaactccatc tcgaaaaaaa aattttttta ataaaaaaa acttctgata tccttgcaact     1920
tgaatagagt gcacctgaat tccaaaatca aataaaaaag aacaattaaa aacttctcat     1980
cagtgtctga aattctgaca cataatatcc tcttgggaatt cttaaataatg tctcagcctc     2040
tttttaccac atggcaaaga gcagtaaaac ttcaagtaaa acattaaagt gaacatctgt     2100
cccctctgtc ccaaaagact agcagtgatg cctgactttg gggacagaaa cttggtagta     2160
ttcacatgtt ttgaaactcc aggtgctttt tttaaatga ttaaaactgg aatataattt     2220
ttaaaaaaaa agcaggttgg aaaagtcatt ttaaaagtcac ttgataattc ctggaacacc     2280

```

taagaagttt	gtaatgcgca	ttttaaagtg	aaattcctaa	tgtcgttttc	taatctctct	2340
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aaagaaaaaa	atcctataat	tttggttttc	atataggttt	ttactaaaaa	agaaaaaatc	2460
ctataatttt	ggttttttata	taggttttta	ctaaaaaaga	aaaaaatcct	ataatttttg	2520
ttttgataca	ggttttttact	aaaaaagaaa	aaatcctata	attttggttt	ttatataggt	2580
ttttactcac	cagtggctct	attacccccg	aaatatttaa	tgtttaagga	ttacaagag	2640
gctacggaag	gaagcttgcc	catttcctgc	tccatgacag	aagccaagct	ttcgtaacag	2700
cctttttacat	gtcttttgag	aaaagtgaat	catattaaac	tgccaagaac	acttcacccc	2760
aatgatgact	gctctttgac	cagcatgtct	actggaagt	gcacattcag	aagtggagatc	2820
tgtgaatgaa	ctgaaataga	aaggcaactg	atgaggaaa	cgactggaat	gatattaggg	2880
atattcaaat	ggtgtgccag	gtttgtgatg	ttttccacca	aaacaaaccc	aaacaagggc	2940
accccaacct	gtgtccaaga	ggactgttca	cagcaaaatt	ctgaagcgct	catagaagga	3000
atgtcctgcg	agtttggtccc	atgtgttatt	aaacttccat	tcctaagact	gacacctgag	3060
acacaaaata	atttcctcta	ttgccctaaa	aagactttgt	tttggctact	ggcagcactt	3120
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ccttggaatg	caactgctcc	actagcatta	ttagagcttt	taacacgata	gagaaaaatg	3300
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aaaagtgttc	tgcatactat	gcataggata	tagttagtgt	tcaagttcta	tggctaatat	3420
caaaggtaga	tgacttctta	catctgtcgt	agcgtctcca	ttcttatcaa	aatttctcta	3480
ttaatccaaa	atcctgccta	tgttccactt	ccctgtactc	agggccagct	gcatttttta	3540
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gaataggtaa	actaagtcct	tcaaacctgc	cctccacaat	ctattagagc	atattatttc	3720
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gacgagatgg	ttggaagaaa	cccagcaaga	caagcggggc	atctggacat	ccggcgggaca	3960
cactggctgc	gtcctgggtga	gggtagttaa	catgggtgca	cgtcttctgg	cttggagggtg	4020
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aacctctggt	ctgctccagg	aacacaaggt	cattgtgtga	ctgactcatg	cctgggtcct	4200
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tgtgtgccac	agaggccgtg	tagccctgca	tcagggcagc	gtcgtgggtcc	tgagatagtg	4560
aggctcttga	gatccctgat	atgataatag	tgcttttctt	ccgtggcgac	ttgagtttca	4620
gcttttgaaga	ttcactgagc	tgtcgaatgg	ccacttcagc	cactggatcc	gaaccattca	4680
acaccaacaa	ttctgtgtct	gaagaagaga	gtgttttctg	gacggggggcg	ctgcggcagg	4740
cgatggctgg	acagagatgt	cttctcgatc	accncacctt	gatgggagtc	ttcaccggag	4800
aatcagagct	cagcgggacg	cctccacgt	cgacgcgagg	ttggtcttca	agcagtgaca	4860
gtagtgacca	agtccaaggc	atcacgtgcg	tctttttatt	ttgcgcagaa	aggggaggat	4920
ggcaggat						4928

<210> 8441
 <211> 1087
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (151)...(749)
 <223> similar to gi4235148 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8441
tttcgtgcgc tgcgcctgcc tccgggagga gccgcatcca cacaccctgc gctgccctgt      60
cctgcgcgag tggagctctg aagaagctct gagcggagtt gtgttcttcc ccaggtgcgt      120
cctggctgag agttggagct ctccagcaac atgcctgagc agagtaacga ttaccgggtg      180
gccgtgtttg gggctggcgg tggtggcaag agctccctgg tgttgagggt tgtgaaaggc      240
acattccggg agagctacat cccgacggtg gaagacacct accggcaagt gatcagctgt      300
gacaagagca tatgcacatt gcagatcacc gacacgacgg ggagccacca gttcccggcc      360
atgcagcggc tgtccatctc caaagggcac gccttcatcc tgggtgtact cattaccagc      420
cgacagtcct tggaggagct caagcccatc tacgaacaaa tctgcgagat caaagggggac      480
gtggagagca tccccatcat gctgggtggg aacaagtgtg atgagagccc cagccgcgag      540
gtgcagagca gcgaggcgga ggccttggcc cgcacatgga agtgtgcctt catggagacc      600
tcagccaagc tcaaccataa cgtgaaggag cttttccagg agctgctcaa cctggagaag      660
cgcaggaccg tgagtctcca gatcgacggg aaaaagagca agcagcagaa aaggaaagag      720
aagctcaaag gcaagtgcgt gatcatgtga aggcccttcc tgcgggagga gcagctgtgt      780
gtccccggca cctcactccc ccaaaatgac acccaccgtc gtcagggtag catgtataat      840
gcccacgtgt taaacattgc atttaatcga gatgcgtcct attgtcctta agagggcggt      900
tcacaccacc aacagtaagc caccactctt ggagtcacag aatctgccag gcggttcaag      960
tgaaaaccaa cacactcagc atccctggga actgagaggt gccagcaatt gctgaagggt      1020
gcgatgaaca cccgaagggt ggagggagga ctggtaccca caaagcaaca tgtaccgaga      1080
ggactac
  
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<210> 8442
 <211> 886
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (791)...(127)
 <223> similar to gi2440074 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8442
tttttatatt tttgcttttt aaaagttttt atttcaaaaa ataaagctgc agttcatttc      60
acataaatat ctggggaggg aaggggagtg ggatggggtg ggggcttggc ccctacctcc      120
tcttctcttt cacactgtat tgtaaaagca aaggggatgg cttgccgaac cagcgggaga      180
gccatatctg cttcattgtc atgtgatcag ggagaacttc attgtcaaaa aggagctgca      240
catgctgagg gtttagcatc aagcggtgac acaggaccct ccggagatgg cgtacctcag      300
  
```


ctctaacaga	acatcggaca	tacttgttct	gcaggacgct	tttattcttg	tctttgccag	360
aactcagccg	ctccaggcac	aggttcaact	gctcatcata	gcgatagtag	tgggctttag	420
agtggcctaaa	gctgctgaag	gggaggccga	gggtgctcag	tgctggctct	tccccagtgg	480
gctgggtgac	ccggtccaaa	cctcgggact	ggtagaattc	ccgaatccgt	ttctcttcac	540
tgtcttgcaa	gccaggcacc	agcttataca	cgatgtcctg	catgacccgg	tccagtttga	600
ggttgagcag	tggctgtgtc	tcgtggatct	taatgttgca	catggggcag	tacttgctag	660
tttggaggta	cttcacaata	caactcttgc	agaaagtatg	aagacactct	gtgatgggtg	720
tggcatccac	gaagtagccg	gcgcataggg	agcaacaat	gtgttcattc	aagtctttga	780
tcttcaactc	aacctcctcc	tgacctctct	ttcccagggg	agactacaca	acgtcggcga	840
cacaacgcgc	aggcggaatt	ccaccgcntg	gactaatgtc	tacaat		886

<210> 8443
 <211> 1939
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (188)...(1941)
 <223> similar to gi5059429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8443						
tttcgtgggg	aactgtacgg	ctcagtcact	cctgcctcgt	cacccccgcc	aggtttcccc	60
cgccctctcc	ggccggggct	ggtcgcgact	gcgcgcgcag	ggcctgagcg	ggcgccggag	120
ggaaggggaa	gcggcggggt	agtaacagat	tatgggcaac	agtcctttta	attaatctac	180
cgatcatcat	gctaattgag	actgtcccaa	ggctgctgat	agtccttttt	catcagataa	240
acatgcccaa	ctcatcttgg	cccaaataca	taagatgaga	aatggacagc	atttctgtga	300
tgtgcagctg	caagttggac	aggaaagtgt	taaagctcat	cggctggttt	tggctgccag	360
cagtccctac	tttgcagctt	tgttcactgg	aggaatgaaa	gagtcctcaa	aagatgttgt	420
accgattcta	ggaattgaag	caggaatctt	tcagataact	ctagatttca	tttacacagg	480
tatagtgaac	ataggtgtga	ataatgtcca	ggagttgatt	attgcagcag	acatgctaca	540
gttgactgaa	gttgttcatc	tttgcgtgta	atttctgaaa	ggacaaattg	atccactgaa	600
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tacgaaagat	cagctgatca	aaattttgcg	aagtgaagag	cttagcattg	aggatgaata	780
ccagggtcttc	ttagctgcaa	tgcaatggat	tctgaaagat	ttgggaaaaa	gaagaaaaca	840
tgtgggtgaa	gtgctagacc	caattcgatt	ccctttatta	cctcctcaga	gacttttaaa	900
gtatatagaa	ggagtatccg	attttaatct	tcgtgttgca	ttgcaaacac	ttctgaaaga	960
gtactgtgaa	gtatgcaa	ctcccaaaga	gaacaagttt	tgtagttttc	tgacagacac	1020
taagggttcga	cctcggaaga	aagcaagaaa	gtacctgtat	gcagtaggtg	gatatactcg	1080
gttgacgggg	ggtcgctgga	gtgatagcag	agccctcagc	tgtgtagaac	gttttgacac	1140
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aacagttctg	ggagggatgg	tctacgctat	tggaggtgaa	aaggattcaa	tgatttttga	1260
ttgtactgaa	tgctatgac	cagttactaa	acagtggaca	actgtagctt	cgatgaatca	1320
tccccgctgc	ggcttaggag	tgtgtgtgtg	ttatggggct	atctatgctt	tgggtggatg	1380
ggttggagct	gagataggga	acaccattga	acgatttgat	cctgatgaaa	ataaatggga	1440
agtagttggg	aacatggctg	tgtcacgcta	ctactttggg	tgctgtgaaa	tgcaaggttt	1500
aatttatgta	attgggggca	tcagcaatga	aggaatagaa	cttcgttctt	ttgaagtcta	1560
tgatccactt	tctaagcggt	ggtctccact	tcctccaatg	ggaaccagga	gagcatatct	1620

tggtgtggct	gactcaatg	actgcatcta	ttctgttga	ggatggaatg	agaccaaga	1680
tgctcttcat	actgtagaaa	aatattcctt	tgaagaggaa	aagtgggttg	aagttgcctc	1740
aatgaaagt	cctagagcag	gcatgtgtgt	tgtggcagtc	aatggctctc	tgtatgtttc	1800
tggaggtcga	tcttccagcc	atgatttttt	ggctccaggt	accttggaact	cagttgaagt	1860
ttataaccct	cattcagata	catggacaga	aattggtaac	atgatcacca	gtcgttgtga	1920
agggggcggt	gctgtgcta					1939

<210> 8444
 <211> 2054
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (306)...(1886)
 <223> similar to gi5281316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8444						60
attccccgggt	cgacgatttc	gtctcgctgg	ctagtaggag	agactggtgc	ttgccccgcc	120
cggtggacta	actcgcttaa	ttttaataa	aaagtcgagg	acacggcggt	cgttttcccg	180
aagacatggg	ccctcccattg	ggccatttgc	tccctggagg	ccctcgctgc	ttgctgagcc	240
cggggagtta	ggatgacgcg	agcggtgagg	gagcccgaa	cgattccttc	gcggaacaat	300
tgaggcgagg	cctttgggag	tactttgtgg	gacggaccct	ggcggggcct	gccagacgca	360
cagggatggc	ggcggaggcg	gccgatttgg	ggctgggggc	cgccgtcccc	gtggagctga	420
ggcgggagcg	acgcatggtg	tgcgtggagt	acccgggagt	ggtgcgtgat	gtggctaaga	480
tgctgccgac	tctgggcggc	gaggaaggcg	tctcccgat	ctacgcagac	cccaccaaga	540
ggctggagct	gtacttccgg	cccaaggacc	catactgcca	cccagtgtgc	gccaaccgct	600
tcagtaccag	cagcctgctg	ctccgcacat	ggaagagaac	gaggcggcag	aaaggggtgc	660
tgggcactga	ggcccaactcc	gaggtcacat	ttgacatgga	gatccttgcc	atcatctcca	720
ccatttacaa	atttcagggg	atgtctgact	tccagtactt	ggctgtgcat	acggaagcag	780
gcggcaagca	tacgtcaatg	tatgacaagg	tgctcatgct	ccggccccgag	aaggaggcct	840
ttttccacca	ggagctgcgc	ctctacatcc	ccccacccat	cttctcccg	ctggacgccc	900
cggtggacta	cttctaccga	ccagagaccc	agcaccggga	aggctacaac	aatcccccca	960
tctcaggtga	gaatctgatt	ggcctgagca	gagcccgcg	ccccacaaat	gccatctttg	1020
tcaactttga	ggatgaggag	gtgcccgaag	agccactgga	ggctgcagcc	cagacgtgga	1080
ggagagtctg	cactaaccct	gtggaccgga	aggtggagga	ggagctgagg	aagctgtttg	1140
acatccgtcc	catctggtcc	cgaaatgctg	tcaaggccaa	catcagcgtc	caccagaca	1200
agctcaagg	cttgcttccc	ttcatagcct	attacatgat	aacaggcccc	tggcgagcc	1260
tatggattcg	atttgggtat	gacccccgaa	aaaaccgaga	tgccaagatt	tatcaagtcc	1320
tcgatttccg	aatccgttgt	ggaatgaaac	acggttacgc	ccccagtgc	ttgccggtca	1380
aagcaaagcg	cagcacctac	aactacagcc	tccccatcac	cgtcaagaag	acatccagcc	1440
agcttgtcac	catgcagac	ctgaagcagg	gcctggggcc	gtcggggacg	agtgggtgctc	1500
ggaaaccagc	ttccagcaag	tacaagctca	aggtcagcct	tcagacactg	agggactctg	1560
tctatcatctt	ccgggaaggg	gccttgccac	cctatcgga	gatgttctac	cagttatgcg	1620
acttgaatgt	ggaagagtgt	cagaagatca	ttcacgcga	tgacggggca	gagaattcct	1680
gcacagaacg	ggatgggtgg	tgccctcccca	agaccagcga	cgagctcagg	gacaccatgt	1740
ccctcatgat	ccggcagacc	atccgctcca	agaggcctgc	tctcttttcc	agctcagcca	1800
aggtgatg	cggaagag	cagctgacgt	acgagctg	ggaagacgag	gaggatgagg	1860
aggaggagga	agaggaggag	gaggacttca	agccatccga	cggcagtgaa	aacgaaatgg	

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agacagagat tctggactac gtgtgacagg gcccaggct gggcctccct gacccggcca 1920
gactggtgtc tggcctaata agggagccgg ggctcccat tgccaccac agtgcccgga 1980
atggccctag gagccctct gagagagct agagtcccag caaaggggtgc agctgacct 2040
agcactggct gtga 2054

```

```

<210> 8445
<211> 2564
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (102)...(1619)
<223> similar to gi3090421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8445
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cagaacagaa caacaacagc tatgaaacca aaaccccaaa tcttcgaatg tcagagaaga 180
aatgttcatg ggcctcctac atgaccaact ccccgactct gatcgttatg attggtttgc 240
cagcccgggg taaaacctac gtgtccaaga aactaacacg ctacctcaac tggattggag 300
tccccaccaa agtgtttaat cttgggggtgt atcgcgctga agcagtcaag tcctataagt 360
cctacgactt ctttcggcat gacaatgagg aggccatgaa gatccgcaaa cagtgtgctc 420
tggtggcgct ggaagatgtt aaggcgtatc tctactgagg gaatggtcag attgcggtgt 480
ttgatgccac caatacaacc cgggagagga gggacatgat tttgaacttt gctgaacaga 540
attccttcaa ggtattcttt gtggaatccg tctgtgatga tcctgatgtc attgctgcca 600
atattctgga ggttaaggta tcaagccctg actatcctga aaggaacaga gagaacgtga 660
tggaggactt cctgaagaga attgaatgct acaaagttac ctaccgacct cttgaccag 720
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tccagcctcg caccatttac ctttgccggc atggagaaag cgagttcaat ctcttgggga 900
agattggggg tgactctggc ctctcgggtg ggggaaagca gtttgcccaa gctctaagga 960
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cagatgagct accatacttg agatgccctc tccataccat cttcaaaactt actcctgtga 1380
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acaagccaac taacaacttc cccaagaacc aaacccctgt aaggatgaga aggaacagct 1500
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cgaagaccca agtcagcatt ccggtggtgt aactgtgtgt ttccctccag ccctggcctc 1680
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ctgttcttca gtttgaaaca tcttttcacc caggggcaag ttagcaaatt gagtctttta 1860
ggacagattc tcagatggga tgatctggag gaggaggaaa aagatacact cccttggggc 1920
tgagcatgcc ccacactctt ggatcttctc tctgttcctt ggtgtcttca ctaatgtcct 1980

```

catgttggtg	aagtgttggg	ggatggaggg	cgggtgagca	gtcggggggac	aaaaagtcta	2040
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ttcttcccc	actttcatgt	ccccctctga	ttgtccagtg	taatgcatgg	cattgtgggtg	2160
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ttgcaagtag	acataggggtg	agagttcttg	cctcctttca	tgagaaacag	ttctaagtct	2400
tcgatgccct	gggagaatct	ggctctgagc	atgtgggaaa	tgtcttggtt	tttattttta	2460
atttagagtc	aggcctgggt	cttttgaggt	ctgcagagtg	gggttttagga	gagtaagggtg	2520
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<210> 8446
 <211> 2201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (86)...(1378)
 <223> similar to gil407655 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8446						60
ggaggcgagg	cttgtcggct	gtcaaagggg	cggcccggcc	cggcccggaa	gctacagcag	120
cggcgcgagg	actgcggggc	gggccatggc	ggcgaacctg	agccggaacg	ggccagcgct	180
gcaagaggcc	tacgtgcggg	tggtcaccga	gaagtccccg	accgactggg	ctctctttac	240
ctatgaaggc	aacagcaatg	acatccgcgt	ggctggcaca	ggggaggggtg	gcctggagga	300
gatggtggag	gagctcaaca	gcgggaaggt	gatgtacgcc	ttctgcagag	tgaaggaccc	360
caactctgga	ctgccc aaat	ttgtcctcat	caactggaca	ggcgagggcg	tgaacgatgt	420
gcggaagggg	gcctgtgcc	gccacgtcag	caccatggcc	agcttcctga	agggggccca	480
tgtgaccatc	aacgcacggg	ccgaggagga	tgtggagcct	gagtgcacat	tggagaaggt	540
ggccaaggct	tcaggtgcca	actacagctt	tcacaaggag	agtggccgct	tccaggacgt	600
gggacccag	gccccagtg	gctctgtgta	ccagaagacc	aatgccgtgt	ctgagattaa	660
aagggttggt	aaagacagct	tctggggcaa	agcagagaag	gaggaggaga	accgtcggct	720
ggaggaaaag	cggcgggccg	aggaggcaca	gcggcagctg	gagcaggagc	gccgggagcg	780
tgagctgcgt	gaggctgcac	gccggggagc	gcgctatcag	gagcagggtg	gcgaggccag	840
ccccagagg	acgtggggagc	agcagcaaga	agtggtttca	aggaaccgaa	atgagcagga	900
gtctgccgtg	caccgcaggg	agattttcaa	gcagaaggag	agggccatgt	ccaccacctc	960
catctccagt	cctcagcctg	gcaagctgag	gagccccctc	ctgcagaagc	agctcaccca	1020
accagagacc	cactttggca	gagagccagc	tgctgccatc	tcaaggccca	gggcagatct	1080
cctgtctgag	gagccggcgc	ccagcactcc	tccatgtctg	gtgcaggcag	aagaggaggc	1140
tgtgtatgag	gaacctccag	agcaggagac	cttctacgag	cagccccccac	tggtgcagca	1200
gcaaggctgt	ggctctgagc	acattgacca	ccacattcag	ggccaggggc	tcagtgggca	1260
agggtctgt	gcccgtgccc	tgtacgacta	ccaggcagcc	gacgacacag	agatctcctt	1320
tgaccccgag	aacctcatca	cgggcacatc	ggtgatcgac	gaaggctggt	ggcgtggcta	1380
tgggcccgat	ggccattttg	gcatgttccc	tgccaactac	gtggagctca	ttgagtggag	1440
ctgagggcac	atcttgccct	tccccctctc	gacatggcct	ccttattgct	ggaagaggag	1500
gcctgggagt	tgacattcag	cactctttcca	ggaataggag	ccccagtgag	gatgaggcct	1560
cagggtctcc	tccggcttgg	cagactcagc	ctgtcaccac	aaatgcagca	atggcctggt	1620
gattcccaca	catccttctc	gcatcccccg	accctcccag	acagcttggc	tcttgcccct	

gacaggatac	tgagccaagc	cctgcctgtg	gccaagccct	gagtggccac	tgccaagctg	1680
cggggaaggg	tcctgagcag	gggcatctgg	gaggctctgg	ctgccttctg	catttatttg	1740
ccttttttct	ttttctcttg	cttctaaggg	gtggtggcca	ccactgttta	gaatgaccct	1800
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tcatggtggg	ttggcagcag	ggaatttgtc	ttgttgagc	ctgctctgtg	ctccccactc	1920
catttctctg	tcctctgcc	tgggctatgg	gaagtgggga	tgcagatggc	caagctccca	1980
ccctgggtat	tcaaaaacgg	cagacacaac	atgttcctcc	acgcggctca	ctcgatgcct	2040
gcaggcccca	gtgtgtgcct	caactgattc	tgacttcagg	aaaagtaaca	cagagtggcc	2100
ttggcctgtt	gtcttcccct	attttctgtc	ccagctcatc	cgtgtctctg	aagaacaaat	2160
atgcttttgg	accacgaaaa	aaaaaaaaaa	ggggcgccg	t		2201

<210> 8447

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(600)

<223> similar to gi4929733 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8447						
ggcacgaggg	catggcgagc	ggatcatccg	cttccggagt	cgaggttttc	gggcttgtac	60
cgcttgccgg	tgcggcctgg	tgtcggcttg	caggttcttt	ctgtgtttgt	tctctgccct	120
gccaaggccg	tagagctggg	gcgtgcgggt	agcggggctc	tccgaggagc	cgcacgccgg	180
cggcaccatg	gtccacctca	ctactctcct	ctgcaaggcc	taccgtgggg	gccacttaac	240
catccgcctt	gccctgggtg	gctgcaccaa	tcggccgttc	taccgcattg	tggtctgtca	300
caacaagtgt	cccagggatg	gccgtttcgt	agagcagctg	ggctcctatg	atccattgcc	360
caacagtcac	ggagaaaaac	tcgttgccct	caacctagac	aggatccgtc	attggattgg	420
ctgcggggcc	cacctctcta	agcctatgga	aaagcttctg	ggtcttgctg	gctttttccc	480
tctgcacatc	atgatgatca	caaatgctga	gagactgcga	aggaaacggg	cacgtgaagt	540
cctgttagct	tctcagaaaa	cagatgcaga	agctacagat	acagaggcta	cagaaacata	600
aatgagctga	ctttagttag	catagcagtg	ggaacaagg	caaggtcctt	ttgaaacact	660
gcagcgatct	taattttgtt	agatttggag	ttcaataaat	ggagtatcct	gaaaaaaaaa	720
a						721

<210> 8448

<211> 2144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (359)...(763)

<223> similar to gi1255376 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8448
cgtaaccggcc tggagttccc gggtcgacga tttcgtgcct ccggctttga agttcctcac    60
cgcgctctcct tttctctccc caaagcctgg atcaccgccc agcgtcaggc gaggggcgac    120
gtctcgaggt aaaacggagg aggtgcggga cgcgggagact gcgcggggccc ggtagccctg    180
gagaggccga ggctctaggc cgcgaggggc gggtgcaatg gcggaggaac aggtgaaccg    240
cagcgccggc ctggcccccg actgtgaggc ctcggcgact gcagaaacta cggtttcctc    300
agtggggacc tgtgaagccg ctggcaagtc accagagccc aaggactacg acagcacctg    360
cgtgttctgc cggatcgcgg ggcggcagga cccgggcacc gaactcctgc actgcgagaa    420
tgaggacctt atttgettca aagatatcaa accagcagca actcatcatt atcttggtgt    480
gccaaagaag catattggaa actgcagaac tctaaggaaa gatcaagtag aactggttga    540
gaacatggta actggttgaa aaaccattct tgaaagaaat aatttcactg acttcacgaa    600
tgtgaggatg ggttttcata tgccaccatt ctgttccatt tcccacttgc accttcattg    660
tctggcacca gtggatcagc ttggcttctt atccaagttg gtttatagag tcaattccta    720
ttggtttatc acagctgatc acttgattga aaaactaaga acatgaaaat gtcaagagcg    780
gaagattttt ctaatcttgg ttcacatga agtgggtattt aggtcccttt taagtctaatt    840
tgcaattttt agatttggtg ggttttatga gaggtgttta cttagtgggc cttaaatctt    900
ttctgaatgt ctgtttccta agatctgtga tacagttatg tgaatatattt gttactgact    960
tgtttcaatg gttacttgta taaggatttt atatatatga tactatagat aaaatcctat    1020
ttaagacaaa ttctgttaat caacaagggc tctgtatttt ttttaagttaa aatattttca    1080
tttctcagta agtagtcagt tataatagtg atttattttat gaagaataaaa ctactataga    1140
aagtaacttg tgggaacctt tattactgtg aaggagaaaa atagctattt cttgacagtt    1200
ctatagtttt acacataaat tttcaaaaata aagaatacca tactacacaa tgatctctga    1260
ttttgctgag ggaaggaatt atatatgtgc cactttttcc tcaaatttca gatgccagtt    1320
ttcacttttt gaagcattgc atctttttta taaatctatc ctgaaagcta tataatatat    1380
ataattttata tcaatgaatt tacaataact atcaaattgg ctatcagaat tcaactgtaat    1440
ggaatttttg ctctaataac ataaaggggg aagaaacata aagtggttct ctttaataaaa    1500
ctagcagaaa atgttgcttt atggcatggt tttgtatcaa agagaaatca gaggttaaac    1560
tttgctttta tcatgaaaag ggcctgattt gaaggtagag ataggcttag atgagaaaaa    1620
ttgataacgc aatgttaata ctattgatat ttcataggta tattttgtta gaaattgggt    1680
ttttggtgct aatctatagg cacaatagtg aatatgaatg aagagtaggt gctgcaagtt    1740
aatctacatg tgtgccagtg tatattagta ccatgtaaat gaatatgaat aaatgaacat    1800
gaggattaac gaactgttga aaataggctg agatactagt tttctttctt ttttagaggg    1860
ggcatgatat taaagatagt tttaagtaac aaattactta ttacaaagtt acaacatgtg    1920
gaatcaatac tgttttattt gttcattaat ttattcattc agcaaacatt tgttgaacat    1980
ttaatgtgta ccagatattg ccaggatcag gaaataaaga actaaaaatg gacattcaga    2040
ctgcaattgc tagtacaggg gtcaaacaaa atcagtgatt agaatttagt gcgttaagtt    2100
ccctgatgcc ttcacagcct tgtttttatt ttttaaaaaa aaaa                    2144

```

<210> 8449

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1920)...(964)

<223> similar to gil89498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8449
tgccataagg ttttcgatgt gggtaatat taacaggaat agtccttaaga gaacttcctg      60
agataactcaa aagttcaaga agatctattc tagctggagt ggaaattcca gaagtattga      120
gcagtacata ggtaggtatt ccttgcaactg gtctgctgac tgtttttttg aagtccaggg      180
tggtgctttcg agaaaagcca gctcggaaat caatagtact gaggccagta atgcgaacag      240
agtgccttcc actgcttgag gtcttcactg tccacattcc agcctctggc tctttcacat      300
tcactacttt ggcagagtta tggatattta atagctcatg caggccaaat ccctttttta      360
tcagcttccc tcaaggattg cgatttaaaa ataaacttta ttaaagcagt taaacttagc      420
attaaataac actcttttaa tggtagacct atgaagcaag agttaaatat aaaccagtc      480
taatcctgta cacttgtgat taattgtgac aatcttaagt tgctcacttc tttccattt      540
accaattcag agaaagcccg tttcctgttt tctcctcacc actttgcctt ggcacacac      600
caaccctgcc tcgggcttca gctgcagatc ctccccagcc cctcctcca gctgggctga      660
ctccagtcctc agccccagtc tccaccaact gagcagcgtc cgcagggttg tgtctggctt      720
ccagcatcta ccacccttc agagcaactt ccaacatggg acaggagagg aagctcgcat      780
tgcttgggtct gaacagattt aaggaggttt tatcacaagg acctgaaaac ttcctaagca      840
tgctttctcc ttgcacagct gaggaggggc aatggtggga gcggggcagg ggggtggcag      900
gggcggcagg ggctctcaac taagggtctt gaatcacaga ggggacagat gctgccttag      960
tccttcttgc ctcccagggc caggcttctt gtgaggagct tccctgggct ggagggggctc    1020
agtgtggaga ctgtggggga ttccagcttc actctgtcta agagggtctt cttaggggca    1080
gctggggaga tcttttcttg gtcggccatg gactgtagct ctctgttctg gatacaggag    1140
gcctcaactg cattgatgag cagagagcgg aagccccac tctctagaaa gtgcagggcg    1200
tggatggtgg ctccccagg ggagcagaca ttgtccttaa gctggcatgg atgctgctcc    1260
gagtcacgca gcactctggc agctcccagc aaagcctggg ccccgagttg gattgccagg    1320
cgccgtggca aaccatctt caccaccca tcagccaatg cgtccagagc catgaatgca    1380
taggcaggcc cgctgccact gagccccgtg acggcatcga tgaggctctc ttccacctca    1440
gtgcagaagc ccacgtgct catgagctgc tccaggagct gccatcctc caccagggca    1500
tgggtgcccg tggcgtagac tgtagcgctt tctgcacta ccacaggtgt gttggctcatg    1560
cagcgaatca ctttgggggc tggctggaat gccatcagct tcttctccac agagctgatg    1620
gtgacaccag ccgcacagga gaccacgatg tgtctggctt gcacgtcggc ccaatctca    1680
tccaggatga aggggatgat atgtggcttc acagccagaa acaggacgtc gctgtgcttc    1740
accgtctcct tgttgtctgc tgtcaggttc acaccatct tcctgagcgc ggacaccgtg    1800
ggcaggttca tttctgggga gctggctatt atcttgtgag ccgacaggat gcctgcggcc    1860
gtgaagcccc gcgccagagc ataggccagc tggccggccc cgatgaagcc cacgctcatg    1920
gtccgcggtt cagcctcct gggagccgca cgaacccctc cagcgaggga ccggaagtaa    1980
cgctagggga agggcggaac gcgcaggggc gaacgggcgg cgtgccgagg accggcgagc    2040
taacagcagc ttctgggatg gtgcaacctt attctcgg      2078

```

<210> 8450

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (81)...(1183)

<223> similar to gi3288685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8450
tttcgtcggc ggccgagggc atgaggggtgt tgggtcggcg ctggtgggggt cctccgctgg 60
ctcatggcgc caggcgtggg aggccgagtc cccagtggcg agcactggcc cgactcggct 120
gggaggactg ccgggactcc agagtccgcg agaagcctcc ctggcgggtg ctcttcttcg 180
gcacggacca gttcgcccgc gaggcgctgc gggcgctgca cgccgccagg gaaaacaaag 240
aagaagagtt aatcgacaaa ctggaggtgg tcacaatgcc ttcccatca ccaaaaggac 300
tgccagtga gcaatatgct gtgcagtctc agcttcccgt atatgagtgg ccggatgtgg 360
gatctggaga atatgatgtt ggagtagtgg cttcgtttgg ccgacttttg aatgaggctc 420
ttattcttaa atttccctat ggcattattga atgttcaccc cagttgcctc ccgagatggc 480
gtggcccagc ccctgtaatc catacagtgc ttcacggaga cacagttact ggagtaacaa 540
ttatgcaaat tagacctaaa aggtttgatg taggcccatt tctcaaaca gaaactgttc 600
ctgtgccacc caagagcact gcaaaggaat tggaagcagt gttgtcaaga ctgggtgcc 660
acatgctcat ttcagttttg aaaaatttgc ctgaaagtct gagcaatgga aggcagcagc 720
caatggaggg ggcgacttac gccctaaga tttctgctgg taccagtgtg ataaaatggg 780
aggaacaaac ttcagaacaa atattcagac tttaccgtgc cattggaaat ataattccgt 840
tgcagacgct ctggatggcg aataaccatta aacttctgga tttggtagaa gttaacagtt 900
cagtccttgc tgcacaaaaa ttaacgggac aggtctctat tccaggatca gtaataatcc 960
acaaacagtc acaaatacta ttggtttatt gcaaggatgg ttggattggg gttcgatcag 1020
tgatgctcaa gaaatcacta acagctactg acttctacaa tggatatttg caccctgggt 1080
accagaaaaa ttcccaagct caaccaagcc aatgcagatt tcagactctc agacttccaa 1140
caaagaagaa gcagaaaaaa actgttgcta tgcaacaatg cattgagtag ttaggaagaa 1200
gatggataaa aacctattac atatttgtaa tttattaaaa accttattta caagg 1255

```

<210> 8451

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (806)...(35)

<223> similar to gi895851 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8451
tttttttttt ttcttcacgg catgtgcttt tattaacctg actgtttaca ggagctgaag 60
ctcttgggtt tgcggtgatg actcttgaac ttctttttca acgagcccaa ctgcttcttc 120
ccgcgcttct ggaccagccc tcggtacacg gtcgtctctc tctgcccctc atcagtggcc 180
ttctctcttg ggggctttgc cttctcatcc tctttgtctg tcaaaaagtc atcagtgcc 240
tccccatcct ccgtgcttcc aaggctcttt ctggtgaata gctcaggtgg gtacaggtct 300
gtcatgctgt catcacttgc agctccccc tcatcactgg atgtgggctc ccagaaggct 360
tcccgccggc gaggcccgtc accgtccatc tggctctccc tcctcctcct ccggtgcacc 420
aggcaggcag gcacgtactc cacccttgc ttctgacatt cttcatattt acacagagct 480
cgctggtacc gccggccctg ggtgtgcctc agcacgtgtt ctgggcactt gttgatgtgc 540
cgcagggtga gtttgagaa caactgggtg gggttcttgg tgctgggcac gatgtgcggc 600
tcgaactctg catagtcgaa ggccggggag gcgcggacca gccgctggta ctttttgccg 660
cgggtgtaga cctggagctc cggcaggcgg cagggcagct cgtgacctgt caggatgcac 720
ctcaccttgc gggcgtccgt ctggagccgc aggtctcgggt gctcccgcag aaacgcccgc 780

```


acgtcgcccc gcaactcgct catggccgac gcgcccgcgc ccacgcgtcc g

831

<210> 8452

<211> 2716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (626)...(1878)

<223> similar to gi4886501 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8452

ttcgtgcgtt	ttacgcaggc	tgtggcagcg	acgcggtgag	gagacggccc	acggcgcccc	60
cgggctgggg	cggtcgcttc	ttccttctcc	gtggcctacg	agggctctgga	tccttctctg	120
ccggctcgtg	ggcgtgcct	ttgcccttct	gcgaggccct	gaatctgac	ccttcccttc	180
atatccggat	ccgggctcct	ccctccaagc	ccgggggttc	ggacacctcc	cccaagacaa	240
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gccccgaaaa	aaaaaa					2716

```

<210> 8453
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(918)
<223> similar to gi217690 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8453						
tttcgtgctg	cggagccagg	cgcggcgcag	gatggtggac	agcgtgtacc	ggacccgctc	60
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gtggcagctg	tatatcggag	accccgcag	ccgcaccgcc	gagtacaagg	catggctgct	180
tgggtgctg	cgccagcacg	gctgccagcg	ggtgctcgac	gtagcctgtg	gcactggggg	240
ggactccatt	atgctggtgg	aagagggcct	cagtgtgacg	agtgtggatg	ccagtgacaa	300
gatgctgaag	tatgcactta	aggagcgctg	gaaccggcgg	cacgagcccc	ccttcgacaa	360
gtgggtcatc	gaagaagcca	actggatgac	tctggacaaa	gatgtgcccc	agtcagcaga	420
gggtggcttt	gatgctgtca	tctgccttgg	aaacagtttc	gctcacttgc	cagactgcaa	480
aggggaccag	agtgagcacc	ggctggcgct	gaaaaacatt	gcgagcatgg	tgcgggcagg	540
gggcctactg	gtcattgatc	atcgcaacta	cgaccacatc	ctcagtacag	gctgtgcacc	600
cccagggaag	aacatctact	ataagagtga	cttgaccaag	gacgtcacia	catcagtgtc	660
gatagtgaac	aacaaggccc	acatggtgac	cctggactat	acggtgcagg	tgccgggggc	720
tggccaggat	ggctctcctg	gcttgagtaa	gttcgggctc	tcctactacc	cacactgtct	780
ggcatccttc	acggagctgc	tccaagcagc	cttcggaggt	aagtgccagc	acagcgtcct	840
gggcgacttc	aagccttaca	agccaggcca	aacctacatt	ccctgctact	tcatccacgt	900
gctcaagagg	acagactgag	tgtggcctca	gctcccacia	gcctctgccc	aggcactgtc	960
aggctctgtc	tggaaagatg	ggaccagcag	ccccacacca	gggccagcct	ctagagcaga	1020
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ttcagttcct	gcaaaaaaaaa	aa				1102

```

<210> 8454
<211> 1132
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (340)...(734)

<223> similar to gil217980 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8454

tttcgtccgc	cgcctgggct	cctagggact	gtggcctcgg	cggtatgtcc	cttgctttcc	60
cttgaagcgg	gagaagaccc	ggcagaggcg	ctctgtccgc	tgcagccgcg	cggttgagg	120
aggcagagtc	tgaggtgtga	ccccgaccaa	gtttgacgct	tctgtcctcc	tagggagcaa	180
gctcggctga	aggccacagt	cgtagaccgg	gacaccgagg	cgtggcagcg	agaccccgcc	240
ttctcgggtc	tgagaggggt	cgggggcggt	gacgtgtcct	tctgaaagg	ggacagtgtc	300
cgcgcttggt	cttccttggt	ggtgctcagc	ttccctgagc	tcgaggtcct	tcttggtgat	360
ggaaacgggg	tactccacca	ccgaggcttt	ggggtggcct	gccaccttgg	cgtccttaca	420
gacctgccgt	gtgttggggt	ggccaagaaa	cttctgcagg	tggatgggct	ggagaacaac	480
gccctgcaca	aggagaagat	ccgactcctg	cagactcgag	gagactcatt	ccctctgctg	540
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ctctacatct	ccgtgggcca	caggatgagc	ctggaggccg	ctgtgcgcct	gacttgctgc	660
tgctgcaggt	tccggatccc	agagcccgtg	cgccaggctg	acatctgctc	ccgagagcac	720
atccgcaagt	cgtcgggact	ccccgggcca	cccacaccga	ggagcccga	ggcgcaggag	780
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gcagaggtga	ccacggcccc	tctttgctcc	gtcatcggtc	ggtcagctgt	ggtcacgggtg	960
cctcagagga	cagatctcta	tgggggcaag	tgccagatcc	tgagagcgca	tgagacgctt	1020
tcccggagcc	gacgaagggg	actcggagct	gcagcctgca	cgaccctgc	agcctgtgct	1080
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<210> 8455

<211> 1031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(770)

<223> similar to gi3925599 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8455

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gaagcaacat	cgtcgcctat	ctgcaaacca	atctcattct	attttgtgtc	ggtgctgtgg	120
gcgcctgtac	tctctctgtc	acacaaccgt	ggtacctaga	agtggactac	actcatgagg	180
ccgtcaccat	aaagtgtacc	ttctccgcaa	ccggatgccc	ttctgagcaa	ccaacatgcc	240
tgtggtttcg	ctacggtgct	caccagcctg	agaacctgtg	cttggacggg	tgcaaaagtg	300
aggcagacaa	gttcacagtg	agggaggccc	tcaagaaaa	ccaagtttcc	ctcactgtaa	360

acagagtgc	ttcaaatgc	agtgcaattt	acatctgtgg	aatagcattc	cccagtgtgc	420
cggaagcgag	agctaaacag	acaggaggag	ggaccacact	ggtggtaaga	gaaattaagc	480
tgctcagcaa	ggaactgcgg	agcttcctga	cagctcttgt	atcactgctc	tctgtctatg	540
tgaccggtgt	gtgcgtggcc	ttcatactcc	tctccaaatc	aaaatccaac	cctctaagaa	600
acaaagaaat	aaaagaagac	tcccaaaaga	agaagagtgc	tcggcgtatt	tttcaggaaa	660
ttgctcaaga	actataccat	aagagacatg	tggaaacaaa	tcagcaatct	gagaaagata	720
acaacactta	tgaaaacaga	agagtacttt	ccaactatga	aaggccatag	aaacgtttta	780
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taaatcatca	ggtcttataaa	aaaaaataaa	ggtaaactga	aaaagacaac	tggctacaaa	900
gaaggatgcc	agaatgtaag	gaaactataa	ctaatagtca	ttaccaaata	actaaaaccc	960
aacaaaatgc	aactgaaaaa	taccttccaa	atttgccaag	aaaaaaaaatt	ctatthtttaa	1020
aaaaaaaaaa	a					1031

<210> 8456
 <211> 3758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3744)...(1603)
 <223> similar to gi5630080 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8456						
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cggaaaaaag	gggtctgagg	aaagcggagc	agcgtagatg	agggcgaggg	cggaagcagg	180
acgctcgcca	aagtgggtgcc	gggtgccggc	tgcccactgt	gatcccggct	gggaggaacg	240
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accacccac	ccggtgccag	gccatgcaag	acgctgaaat	ggagactgtg	gcccctcggg	360
acgcagcgcc	cggagctatg	gagcaggtgc	accaacgtga	aggggaatcc	tttgggcgct	420
tcccagggcg	cctgcagggg	gtggagcaca	gcagggctctg	tatccatgtc	cgtgagcacg	480
ggcagtaaca	gatagcacca	attgggaggc	ccagggcagg	agagcctgag	gctcagactc	540
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ggaaaggaag	agagaccagg	aaaggaagag	agaccaggag	ggccaggcca	gcagcttccc	960
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gaacgttttc	caggcgccct	ccccctctcc	ggggccggac	agctccatct	acagcccgtg	3720
ggagcaaaca	gtcccccttcg	gcggccggac	gcgtgggt			3758

<210> 8457

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (304)...(331)

<223> similar to gi532768 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8457
cgtagtaact gtggtggtat tccgcccattg cggctgtaga cgccatgatg gatgtttttg      60
gtgtggggttt cccaagcaag gttccttgga agaagatgtc tgcagaggag ctggagaatc      120
agtactgtcc cagccgatgg gttgtccgac tgggagcaga ggaagccttg aggacctact      180
cacagatagg aattgaagcc accacaaggg cccggggccac caggaagagc ctgctgcatg      240
tcccctatgg agacggcgaa ggggagaaaag tggacattta cttccccgac gagtctgtctg      300
aagccaccac aagggcccgg gccaccagga agagcctgct gcatgtcccc tatggagacg      360
gcgaagggga gaaagtggac atttacttcc ccgacgagtc gtctgaagcc ttgcctttct      420
tcctgtttctt tcacggagga tactggcaga gcggaaggca ccctggacca catggtagac      480
caggtgaccc gcagcggtgc gtttgtccag aagcgggtatc caagcaacaa gctttttcct      540
ggtgagtggg gtctttgacc tggagcccat cgtgtatact tcacagaacg ttgctcc      597

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```

<210> 8458
<211> 1163
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (58)...(573)
<223> similar to gi2911587 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8458
ccgagtcgac gatttcgtgg caggcgccag tgcaggtgt gctgctgagg cgtgagaatg      60
gcgtcccgcg gccggcgctcc ggagcatggc ggacccccag agctgtttta tgacgagaca      120
gaagcccgga aatacgttcg caactcacgg atgattgata tccagaccag gatggctggg      180
cgagcattgg agcttcttta tctgccagag aataagccct gttacctgct ggatattggc      240
tgtggcactg ggctgagtgg aagttatctg tcagatgaag ggcactattg ggtgggcctg      300
gatatcagcc ctgccatgct ggatgaggct gtggaccgag agatagaggg agacctgctg      360
ctgggggata tggggccagg catcccatc aagccaggca catttgatgg ttgcatcagc      420
atttctgctg tgcagtggct ctgtaatgct aacaagaagt ctgaaaacc tgccaagcgc      480
ctgtactgct tttttgcttc tctttttct gttctctgctc ggggatccc agctgtcctg      540
cagctgtacc ctgagaactc agagcagttg gagctgatca caaccaggc cacaaggca      600
ggcttctccg gtggcatggg ggtagactac cctaacagt ccaaagcaaa gaaattctac      660
ctctgcttgt tttctgggccc ttcgacctt ataccagagg ggctgagtga aaatcaggat      720
gaagtgaac ccaggggagtc tgtgttcacc aatgagagg tccattaag gatgtcgagg      780
cggggaatgg tgaggaagag tcgggcatgg gtgctggaga agaaggagcg gcacaggcgc      840
cagggcaggg aagtcagacc tgacaccag tacaccggcc gcaagcgcaa gccccgcttc      900
taagtcacca cgcggttctg gaaaggcact tgccctctgca cttttctata ttgttcagct      960
gacaaagtag tattttagaa aagttctaaa gttataaaaa tgttttctgc agtaaaaaaa      1020
aagttctctg ggccggcgct ggtggctcac acctgtaatc ccagcacctt gggaggctga      1080
ggtgggagga tcatttgagg ccaggagttt gagacctgcc tgggcaacat aatgaaactt      1140
cctttccagg gagaaaaaaa aaa      1163

```

```

<210> 8459

```

```

<211> 3220
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (128)...(1836)
<223> similar to gi2995194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8459
tttcgtctga gaggtaagag agggcggggg gaaggaagag gaggcgggat ccgggcgctg      60
cgttggctgc ggcctggcac caaaggggcg gccccggcgg agagcggacc cagtggcctc      120
ggcgattatg gacccggtcg aggcggtgct gcaagagaag gcactcaagt ttatgaattc      180
ctcagagaga gaagactgta ataatggcga accccctagg aagataatac cagagaagaa      240
ttcgcttaga cagacataca acagctgtgc cagactctgc ttaaaccaag aaacagtatg      300
tttagcaagc actgctatga agactgagaa ttgtgtggcc aaaacaaaac ttgccaatgg      360
cacttccagt atgattgtgc ccaagcaacg gaaactctca gcaagctatg aaaaggaaaa      420
ggaactgtgt gtcaaatact ttgagcagtg gtcagagtca gatcaagtgg aatttgtgga      480
acatcttata tcccaaagt gtcatcacc acatgggcac ataaactcgt atcttaaacc      540
tatgttgcag agagatttca taactgctct gccagctcgg ggattggatc atattgctga      600
gaacattctg tcatacctgg atgccaaatc actatgtgct gctgaacttg tgtgcaagga      660
atggtaccga gtgacctctg atggcatgct gtggaagaag cttatcgaga gaatggtcag      720
gacagattct ctgtggagag gcctggcaga acgaagagga tggggacagt atttattcaa      780
aaacaaacct cctgacggga atgctcctcc caactctttt tatagagcac tttatcctaa      840
aattatacaa gacattgaga caatagaatc taattggaga tgtggaagac atagtttaca      900
gagaattcac tgcggaagt aaacaagcaa aggagtttac tgtttacagt atgatgatca      960
gaaaatagta agcggccttc gagacaacac aatcaagatc tgggataaaa acacattgga     1020
atgcaagcga attctcacag gccatacagg ttcagtcctc tgtctccagt atgatgagag     1080
agtgatcata acaggatcat cggattccac ggtcagagtg tgggatgtaa atacagggtga     1140
aatgctaaac acgttgattc accattgtga agcagttctg cacttgcggt tcaataatgg     1200
catgatggtg acctgctcca aagatcgctc cattgctgta tgggatatgg cctccccaac     1260
tgacattacc ctccggaggg tgctggctcg acaccgagct gctgtcaatg ttgtagactt     1320
tgatgacaag tacattgttt ctgcatctgg ggatagaact ataaagggtat ggaacacaag     1380
tacttgtgaa tttgtaagga ccttaaattg acacaaacga ggcattgcct gtttgcagta     1440
cagggacagg ctggtagtga gtggctcatc tgacaacact atcagattat gggacataga     1500
atgtggtgca tgtttacgag tgttagaagg ccatgaggaa ttggtgcgtt gtattcgatt     1560
tgataacaag aggatagtca gtggggccta tgatggaaaa attaaagtgt gggatcttgt     1620
ggctgctttg gacccccgtg ctctgcagg gacactctgt ctacggaccc ttgtggagca     1680
ttccggaaga gtttttcgac tacagtttga tgaattccag attgtcagta gttcacatga     1740
tgacacaatc ctcatctggg acttcctaaa tgatccagct gccaatctg aacccccccg     1800
ttccccctct cgaacataca cctacatctc cagataaata accatacact gacctcatac     1860
ttgcccagga ccattaaag tttgcggtat ttaacgtatc tgccaatacc aggatgagca     1920
acaacagtaa caatcaaact actgccaggt ttccttgga tagccgagga gcagggtttt     1980
gagactcctg ttgggacaca gttggtctgc agtcggccca ggacggtcta ctcagcacia     2040
ctgactgctt cagtgtgct atcaaaagat gtcttctatc ttttgtgaat gattggaact     2100
tttaaacctc cctcctctc ctcccttcac ctctgcacct agttttttcc cattgggtcc     2160
agacaaaagg gacttataaa tatatttagt gttttgccag aatctctctt gctttgccat     2220
taagcagaag aactagtttc cctgtatagc ctgctgggag agaccactt ctagggtatg     2280
ggggatgcag cttcaagccc agtgcccagt gtctccctgt taactgcagg aatgccaaag     2340
acctggccag agcagcccag cccaatatg cttaggagga gacagagttc cctctgtata     2400
gcctctggga caagaaaaag aaaacacaag aatgtatata ctggaagatt tgggcctcct     2460
gcctgccttc tctttgtttc tgttcctctt cccatctact cccctacgcc ccttcaacct     2520
ttttctctg tctgcttcac ctgagaagaa agtgtatgaa gagagtgtcc tcctctcgca     2580

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tgagcccaga	tcagcccaga	aaatgccaac	acttggaaga	gttaaatagcc	tgttcagtga	2640
agatttccag	ccccaggcct	ttgcctgcaa	agtgaccctt	gtggcaaaca	agtggattcc	2700
tcagacatga	tactctcatc	atatttgcaa	ctcttctctc	tctttccttc	ccccacaccc	2760
caagaggagg	attggtggta	gggggcaggc	agaggggggtg	gggagaagtt	tcctgggctc	2820
catcaatggc	tgcattcttt	ctggactcag	cagtctcctt	gattccatgt	agagtgttgg	2880
aaaggagttg	ctgattgcat	ttcctctcat	taacaattgg	gtgtgtaata	aaaagcattg	2940
gtacttcata	ttaaatcact	ggtaaggctc	agcctacaga	aagataaaaa	atggccagag	3000
ccaatcgctt	ggtgcattct	gcgtaatgg	ttccatctcc	gatttcctca	tcagggcctg	3060
tgaataccca	ggtgcctgta	tctttgcca	gaccgtgatc	aaggtagctt	taagagagat	3120
ggtcaggaga	aaacactggt	tttgtttttt	ttgttgtttt	gttttgtttt	ggccagttaa	3180
atatcatctc	tcaaaatatt	gatctcaacc	gtgtcaacct			3220

<210> 8460

<211> 1066

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1067)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (124)...(617)

<223> similar to gi4699967 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8460						
cggacgcgtg	ggctctgtgc	ctgctgtttc	ctgctgggaa	gaaggaaagc	cagtgatgct	60
ggcttgaggc	tgtagtggga	ggcccagcgg	attgtgagaa	gccagcccgg	gcagtgagtg	120
tggatggctt	ggcagggtgag	cctgctggag	ctggaggacc	ggcttcagtg	tcccatctgc	180
ctggaggtct	tcaaggagtc	cctaagtcta	cagtgcggcc	actcctactg	caagggctgc	240
ctggtttccc	tgtcctacca	cctggacacc	aaggtgcgct	gccccatgtg	ctggcaggcg	300
gtggacggca	gcagctcctt	gcccacgctc	tccctggcct	gggtgatcga	agccctgagg	360
ctccctgggg	accggagacc	caaggtctgc	gtgcaccacc	ggaacccgct	cagccttttc	420
tgcgagaagg	accaggagct	catctgtggc	ctctgcggtc	tgtctgggctc	ccaccaacac	480
cacccggtca	cgcccgtnct	caccgtctgc	agccgcatga	aggaggagct	cgcagccctc	540
ttctctgagc	tgaagcagga	gcagaagaag	gtggatgagc	tcacgcgcaa	actggtgaaa	600
aaccggaccc	gaatcgacgg	gagtgcccct	tccctctgcc	cctgcctggg	accggccacc	660
ttcactttcc	tgtagagctc	agttctcatt	ggtcctttac	agaaaaccat	gccttccata	720
taaagccaga	actcaaagca	ttccggggcg	gggtggggaa	agcgcaaata	ctctcagggg	780
aattcaaccc	agttgtcggt	aggactggct	ccaagtgggc	ttttgccttc	tgtgtccttg	840
agactgagat	aaccaggagc	ttgagtctcg	ggggtaaaca	gctgaaagca	tgggcgtgac	900
tcctccgccc	ctgtgccacc	tgtgtctgct	tgaccttgcc	agcctgtcat	ggtgccctcc	960
cagtacctgg	gtgcgcaggc	gtggagaggc	tggcagccct	gggccctggc	tgatctcctg	1020
aactgagagg	cacatggggc	tgggacgcat	agtgccccgg	ccctgg		1066

<210> 8461
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (405)...(136)
 <223> similar to gi4150929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8461
tttttttttt ttaatgagaa caggatatga tttatttatg acgaccatat gtgtttgatg      60
cccaattgca gcaggttgtg gcttctcttg catatcttgg tctgggatga cctatctact      120
cagtgtgtcc catttcaggt accgtatttc catgcttctt tattaagcct cataacctcc      180
ctgctttttc caccctcttt tccagcctct tctaaatcta cattgtcggg gcagtgtaat      240
ttggcgggcgt cgatccagga ggaccagggt ttgccagaa acgcctccgg actgggcact      300
ttgcgatcca gtgtcgccat tgctcttcct tcttgttgct ttttccctgt tccttcggca      360
gctgcagccg agagacacgg gattcgagaa cgctccgacg tcatcttcgg aacgttccga      420
cattgagtgt tctggaggac tttggacat ggagattctg cagttgttgc tctaggagct      480
gaaaccagtg ggtagatgtc gttctgaaac gcaggtgagt ttggagcgcg acgagctacc      540
ttcccatctc aggctgcggg gcgtgcaaaa ctcaaaagtt agggcccccg gacccccggg      600
ttccccgcgc agagcgtatc tcc                                         623

```

<210> 8462
 <211> 966
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (291)...(843)
 <223> similar to gi30775 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8462
gtccgcaatt cccgtgtcga cgatttcgtg gtaaaggctg atacttccca ggacgcggag      60
gtaacggggc agggccaaag cgactttcgc tacttggatt ggtcggcgta gctttgggcg      120
gccggacctt ataaagtcac acatctgcgc gcctgtgcgg ccctgtcttc tgcggatgct      180
gaggcacgta aaaaaatttg aagaaggga tttcgcggca ttcttgccct ggcttcctgg      240
cgtagccagc aagttcggag gtgttaaccg ctgctgtcat gtttcttttg ctaaaactgca      300
tcgtcgctgt gtcccaaac atgggcacgc gcaagaacgg ggacctgccc aggccgccgc      360
tcaggaatga attcaggtat ttccagagaa tgaccacaac ttcttcagta gagggtaaac      420
agaatctggt gattatgggt aggaagacct ggtctccat tcctgagaag aatcgacctt      480
taaaggatag aattaattta gttctcagca gagaactcaa ggaacctcca caaggagctc      540

```

atcttcttgc	cagaagtttg	gatgatgcct	taaaacttac	tgaacgacca	gaattagcaa	600
ataaagtaga	catgatttgg	atagttggtg	gcagttctgt	ttataaggaa	gccatgaatc	660
acctaggcca	tcttaacta	tttgtgacaa	ggatcatgca	ggactttgaa	agtgacacgt	720
ttttttcaga	aattgacttg	gagaaatata	aacttctgcc	tgaataccca	ggtattctct	780
ctgatgtcca	ggaggggaaa	cacatcaagt	acaaatttga	agtatgtgag	aaggatgatt	840
aatatgaagg	tgttttctgg	tttaagttgt	tccccctccc	tctgagaaaa	gtatgcattt	900
ttacattaga	aaagggactg	tattgcggcc	gctgtagagg	atacaaacag	tcgtacgggt	960
gcacgcg						966

<210> 8463
 <211> 850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(523)
 <223> similar to gi3043445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8463						60
ggacgtagcg	tcgccgcgcc	aggtttttag	cagctgccgc	tgagccgccg	gacggacgct	120
cgtcttcgcc	cgccatggcc	gagagcgact	gggacacggt	gacggtgctg	cgcaagaagg	180
gccctacggc	cgcccaggcc	aaatccaagc	aggctatctt	agcggcacag	agacgaggag	240
aagatgtgga	gacttccaag	aaatgggctg	ctggccagaa	caaacaacat	tctattacca	300
agaacacggc	caagctggac	cgggagacag	aggagctgca	ccatgacagg	gtgaccctgg	360
agggtgggcaa	ggtgatccag	caaggtcggc	agagcaaggg	gcttacgcag	aaggacctgg	420
ccacgaaaat	caatgagaag	ccacaggtga	tcgcggacta	tgagagcgga	cgggccatac	480
ccaataacca	ggtgcttggc	aaaatcgagc	gggccattgg	cctcaagctc	cgggggaaagg	540
acattggaaa	gcccacagag	aaggggccta	gggcgaaatg	aacacaaaagc	ctcgaaatca	600
gtgcgctcca	gctgatctcg	ttccgccggg	tcccccttggc	cgccagttcc	gttctcctca	660
cgggccgaac	ggaacaaggg	gtccagcttg	cgggggaccc	tccccagccc	attcctgctg	720
tcaaacaac	aaaaccttgc	tcgtgccgaa	ttcggcacga	gggaacagaa	cctttgatga	780
gagcgttcac	agggacactg	tctggggggtg	cagtgcaagc	ccccggcctc	ttccctggga	840
acctctgaac	tcctccttcc	tctgggctct	ctgtaacatt	tcaccacacg	tcagcatcta	850
atcccaagac						

<210> 8464
 <211> 3026
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (453)...(1808)
 <223> similar to gi3080434 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8464
ggaattctcg ggtcgacgat ttcgtggcgc gggcgaggat ggcggcggag aacgaggcca 60
gccaggagag cgccctgggc gcctactcgc cagtggacta catgagcatc accagcttcc 120
cgcggtgcc cgaggacgag ccggcgcccg cggccccgct gaggggccgc aaggacgagg 180
acgcctttct gggagacccc gacaccgacc cggactcctt cctgaagtct gcacggctgc 240
agcggtgcc atcgtcgtcg tcggagatgg gcagccaaga cgggtcgccg ctacgcgaga 300
cgcgcaaaaga cccgtttctcc gccgcagcgg ccgagtgtct ctgccgccag gatgggctca 360
cggtcacatgt caccggcctgt ctcaccttcg ctaccgggtgt caccgtggcg ctggtcatgc 420
agatctactt cggggacccc cagatcttcc agcaggggtgc cgtggtgacc gatgctgccc 480
gctgcacttc actgggcacg gaggtgctca gtaaacaggg atcttctgtg gacgcagcgg 540
tggcagcagc cttgtgtttg ggtatcgtgg ctccacacag ttctggcctg ggcggtgggg 600
gcgtgatgct ggtacatgac atccgacgaa atgagagcca cctaattgat ttccgggagt 660
ccgcaccagg ggcctcagg gaagagaccc tgcaaagatc ctgggagacc aagcctgggc 720
tcttggtggg ggttcccggg atggtgaagg ggctacatga agctcaccag ctctatggca 780
ggctgccaatg gtcccaagtc ctggcctttg cagcagctgt ggccaagat ggcttcaacg 840
tgactcatga tctagcccggt gccctggctg aacagctgcc acccaacatg tccgagcgct 900
tccgggagac gttcctgcca tcgggcccgc cgcactacc tggctcgttg ctgcatcggc 960
ccgacctggc tgaggtgctg gatgtacttg gcacctccgg cccggctgcc ttctacgcag 1020
gtggcaacct cacactggag atggtggccg aggctcagca cgcagggggg gtcataaccg 1080
aagaggactt cagcaattac agcgcccttg tggagaagcc tgtgtgtggc gtgtacagag 1140
gccacctggt tcttagtccc ccacctccgc acacgggccc tgcctcctc agtgcctca 1200
acatcctgga gggcttcaat ctcaccagcc tggtatcccg agaacagggt cttcactggg 1260
tggcagagac cctgaagatt gcattagccc tggccagcag actgggagat cccgtctatg 1320
attctaccat cactgagagc atggatgaca tgctcagcaa ggtggaggcc gcctacctcc 1380
ggggccatat caatgactcc caggcagccc ctgccccact cctgcctgtc tatgaactag 1440
acggagctcc caccgctgcc caggtgtgta tcatgggacc tgatgacttc attgtggcca 1500
tggttagctc cctgaaccag cctttggca gcggccttat caccctctcg gggatcctgc 1560
tcaacagcca gatgctggac ttctcctggc ccaaccggac agctaaccac tctgcaccca 1620
gcctggagaa ttcagtgcag ccagggaagc ggccactctc ttctctgctg cccacagtgg 1680
tccgacctcg ggaggggctc tgtggaacct acctcgtctt gggggccaat ggagctgcgc 1740
ggggccctcag cggcctgaca caggtgaggt ttacgccatg gttggccttt ttcagccggg 1800
agccaagctg tggcctagac tgcagatgcc tgtcatatct gtggcttgtt tccattcctc 1860
atgcggcaaaa catgggctga ggctgttttg tgccaggcgc atcctgggca atgtggacat 1920
gggctgcgct gagtttctta gtgaaaatgg agcctgatg ctccctgtct tttccggttg 1980
caggggaaat ggcagggtca gtagattgaa aagtgggggt agcatctggg tggcctgggt 2040
tctgttaacc tcaagtccca ttatacctct acccagcatc tgaatagaca accagccctc 2100
tttaggggtg gatttgaaag gaagggcctg cttttctcca gaacacctca gaatggctcc 2160
atgaatgtct tgagaacctg atatatatgc caggcaccta ttttggcagg tggtagtcta 2220
acgatcttaa gttctggaat cagacactcc tgggttccgg cccaagtgtc accaatttgt 2280
aactgtgtga tgctggagca ttcaacttaac agctctgaac ctcagtctct tcatctttaa 2340
aatggaaata ataacaatag ctaacattta aagagttcgt actaagtgtt gggcactgtg 2400
ttatgtgtgt taaccatttt aaccttccca gttctggaga gaatccttat ttctatttta 2460
tagataagga aaccgaagcc cagagagggt aagactttag gtcaagtacc ttcagcttag 2520
aaagagcagg gaggcagttt ggttccaaga agcctacgca cactcctaac cactaagtta 2580
aaagcaccca acattgtgcc cctaagacca actccctagc tattaacctt gccctatcc 2640
cagagagaaa agaaggagc cccgggctag attaaagaga cttggttcct agtgggtgat 2700
cttccccctg cttcctctaa actctggagt aagtcatttt ccttgctgga cttcactttc 2760
cctctctgtg aaatggaaac agtcatgcac aggcctgcct gttctttcca ggggctgtta 2820
ggaggctcag atgacaccg gtgtaaggaa ttcttcaaga cttaaggag cctgggacca 2880
aggggtggagg agcttgaggg attcctggga ccattcacc ctggggacag ccctggattt 2940
ttttgtttac cttgggttac cacaggttct gctgaatgtc ctgaccttga accggaacct 3000
gagtgcagc ctggcccgcg gccgct 3026

```

<210> 8465
 <211> 1061
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (61)...(663)
 <223> similar to gi5102588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8465
gtccagggca tcacctccta ccagcagcgt ttacaagcat tgagaaagga gaaatcccga      60
gatgctgctc gctcccgcgc gggaaaagaa aactttgagt tctatgaatt ggccaagttg     120
ttgcctcttc ctgcagccat taccagccag ctcgacaagg catccatcat tcgacttaca     180
attagctatc tgaaaatgag ggactttgct aaccaggggg accctccgtg gaacttgcca     240
atggaaggcc ctccacctaa cacatcagta aaagttatag gtgcacagcg aaggagaagc     300
cccagtgcac tagccattga agtatttgaa gcacatttgg gaagccacat tttgcagtcc     360
ctggatggct atgtatttgc actaaatcag gaaggaaaat ttttgtacat ttccgaaaca     420
gtctccatct acctaggcct ctcaacaagt gagctgacag gcagcagtgt ctttgactat     480
gtccaccccc gagatcacgt ggagatggct gagcagctgg gcatgaagct cccccctggg     540
cgggggtctcc tgtcacaggg cactgctgag gacggagcca gctcagcatc ttctctctct     600
cagtcggaga cccccgagcc agtggtttgc ttcccaccag cgagtgatca gtttcttctg     660
taggaccctt gtcaggaaga acatgcctgg atcctacttc agagagaact cagccagggc     720
aaggggctcc tgtggctttt ggggtgggtg tgagttcata gaggggaaaa tcaatactgt     780
accaggatth agacaattta gcaaaatgca cgaggcagta ctttggatga tgaataacta     840
cagctgcatg gctaaccctt tggttgtgta aagtatgggt tatcatgttt tgtctaaatt     900
ttcaggcaaa atctagcctg ttttgtggca ttaggatcat cattatagta gtatgatttt     960
tatgctatta tacttacgct atgtcccga tgtttttaag gccagcaaaa tggaaacagt    1020
agagtacttg cctgaatgca aataaacttc agtttcaact t                                1061

```

<210> 8466
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (458)...(750)
 <223> similar to gi387113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8466
gggcccgggt gtggtatttt tggagttaat ggagtcagaa ggacctccag agtcagagag      60
gtcagaattt ttctcacagc ggggaagagga aaatgaagaa gaagaagccc aagaaccaga      120
ggaaacaggc cctaagaacc ccctttttaca acctgctctc acaggggatg tagagggttt      180
gcagaaaata tttgaggatc ctgagaatcc tcatcatgaa caggccatgc agcttctctt      240
agaagaagac atcgttggga gaaatttgtt gtatgcagct tgcattggctg ggcaaagtga      300
cgtgattaga gcttttgcaa aatatggtgt gaatctgaat gaaaaaacca ccagagggtta      360
cacactctta cattgtgctg cagcctgggg tcgtttggaa actttgaaag cactggtaga      420
actggatgtt gatatagaag ctttgaactt ccgggaagaa agggctcgag atgttgctgc      480
tagatattct cagactgagt gtgttgaatt cctggactgg gcagatgcaa ggctgactct      540
gaaaaaatat attgcaaaag tctcttttagc tgttactgac acagaaaagg gatcagggaa      600
actccttaag gaagacaaga ataccatcct cagtgcatgc cgtgcaaaaa atgagtgggt      660
ggaaacccat acagaagctt ccattaatga gctttttgag cagagacaac aactggaaga      720
tattgtgact cctatcttca caaaaatgac tacaccatgt caagtgaaaa gtgccaaatc      780
tgtaacaagc catgaccaga agagaagtca agatgatacc tccaactgaa catacgttct      840
gtaaaaggcc acattttctt ttagtatctg aaaggcaaac ctattcatgc catttgaaat      900
cgagaaaaca gatgtggggg tctttaagta tttaagtaca acattacatc gc              952

```

```

<210> 8467
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(248)
<223> similar to gi4102195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8467
gggacggggc agcgggtgcac aagaagagac cgaggcgggt ggccccgaga gagccagggc      60
catggaggcc aacatgccga agcgggaagga gcctggcagg tctctccgca tcaaagtcac      120
ctccatgggc aacgccgaag tggggaaaag ctgtattata aagcgatact gtgagaaaag      180
at ttgtgtct aaatacctgg caacaattgg aattgactat ggagtcacaa aggtacacgt      240
cagagacaga gaaatcaaag ttaacatctt tgatattggc ggacatccct tcttctatga      300
ggtaagaaag cctttttgac aaaacctata tccagtattg ttggtgggtt ggggagagat      360
ccagaattat atgaaacaac caatattgat atcatgtgta aaattgcata attttagctt      420
gatcgtggct tgccttcaga gccttgagtt aatagacaac tgttgatttt ttaggttatc      480
ctgttaaata gtggtaggaa atttcattgc caatatttca aacatttcaa taagacattt      540
tgactttcag aggacttttg ctttttacct catactttag ctaaaatgt g              591

```

```

<210> 8468
<211> 998
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (993)...(550)
<223> similar to gi3513302 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8468
tttttttttt ttgcttttta atgttcttat ttattttaa atgaaaaaac atttcatctc 60
ttcccagttc atctgaaagg aggtcccctg ggtaaacata ggaaagcagt tctgcaggct 120
catgaaggat gctcggctgg aggtcggggg gagcatggct gctttcccca gcatagcccc 180
catgttcccc accctctttg tgccccggat ctgcatcctt gaggccagaa gagctcagca 240
ggaagtggga actgagaagc tgttgggagc caggaggggc ctggaccctc tgttctctgc 300
cccagggttt cagccaccct gcaagcccct ccggacaagg caacgtcagc ccaggtagaa 360
aacttaagag tccctcctag aaaaccagt atgtgctggc cctttcaggg acacaggccc 420
cttcagcttc accggagatg agaagggtgcc acccgcaaca gggctgctgg tcacagctca 480
gtgcgcatg ccttgggccac aatcaccagc ttggacagct cagctttgaa tgccccgggc 540
ctgtgagcca ctgctgtttt ggtcacttca aattcctcag ttttcagagg gacatcactt 600
tccctttcaa atgcggcttt agagtaggcc atggcgctact caatctcagc gccccgcacc 660
tctgccttga actgtgtgaa gtacagatag gacttcccct ggggcctcca gatggtgcag 720
gtgaagtgct ggtggtcttc gctgggtccc agactcatct gccattgctc attggtccct 780
ccttgagagg cgtaagtga catacacgta tatttgtccc ccgggcccac gttatgggag 840
aaggaatgca cgacgccgcc gggccgcacg tcaaacgcca ccgtcgtggg ctggacacc 900
gcctccgccg gcctcagcgc cacggcccct aggagcagcg cggcccacaa gctcgcgccg 960
acgccgttcc accctccgct gggcgccgcc atgttggga 998

```

```

<210> 8469
<211> 2428
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1844)...(1405)
<223> similar to gi3875272 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8469
tttatttcca tacatgttta ttatatacac actgcctata gattctgttt aaataatctc 60
taagaaaaaa atcaaaacttt tctgagcagg tgattaagct gaaaacaacc aattaaaacc 120
accacttttt aagtgccttt tggtcacaaa tgtcaaaatg tttccacacc ctttccacc 180
tcaaacaga gacaaactgt ttttgataaa ctctagtatt tattaaatta taaattttgt 240
aatcaaaaag aaaaatgcag accaaaaaaa cctcaaaacta taagactaga cagcaaagcc 300
tatgggaaca ccatgaagtg tgttacaaac attctgaaac ataagttact ggctgttttc 360
atttccattt caataacttt actataaaat agttgttatt catctatttt gaaatcccaa 420
attcacatct attcatacat taaattatgt ttctgtttca taatatcaaa catctcacag 480
gtgccaaatt ttagtaatgg tcttatgcc atccatgcag aaaaataaga cacaatgcag 540
gagtcagatg aggaccatta atgcacagat aatacaaaac cactggccaa aagaactaca 600

```

gaagttttta	aaaagtataa	agtaaacaga	cctcaagaaa	actgggttat	tactaaacag	660
ctctcaacta	ttaacaccca	agttccttac	attaaataaa	tttctcaaca	gagacatggt	720
agacatttta	attatgagtc	tatccttccc	ataccocctt	ccaccccaac	tcccaaaatg	780
cactactagg	gatgagtata	atgttatgtg	ggcagaaatt	tacaggtaac	cctttcaacc	840
ttgagcatgg	agctgaagac	atttttattt	aaacttcagt	tactgtgcac	tgtccatcag	900
gccttctaga	tctgacactg	acactcactg	ttccaccccc	tgctactgat	cgatcagttc	960
ccgatcgatc	tgatcgatcg	ggtagtgtct	ggtttgcat	agaaaccaa	agtctctgtt	1020
gggtcaagga	gtgctgtgca	acaactgcag	atacatcctc	actatcacta	ctggcatctg	1080
attcagtttc	ttcaatggag	gtgtctgggt	ctgggtaccct	gcctgaagat	ggtgattcat	1140
gatcttcttc	tccttctccc	ctatgactcc	tttcagctgt	gttgtctcca	ctgagttgta	1200
aatgagcaaa	agagtcttcc	agagaagtgc	ttgcatcagg	ggatggtgtt	gcagggtctg	1260
ttaactgacc	atctactgat	gttagggggc	ttacagaaga	cactaggggc	tgaacagaag	1320
ctccactctg	tgctgataca	ctgtccgctc	cgtcagcaga	gctctctctt	gctaggttta	1380
cggtattagc	atcacagtct	agcctaagtc	cagctactcc	cttcttttgt	atatctatta	1440
tatctcgctt	aatcttcctg	cgacgtccat	gttcatttct	cctatatatt	accatgtttt	1500
caagatcagc	gacatacaga	aagccagcaa	ttaacatttc	agtgttcttt	ttaccttggg	1560
aaaaagcatc	ttccagctct	ctactagtgc	gctcatcgta	ctgccaccac	ccatttcttc	1620
cttcataata	ccatgcatat	tcaccatttc	ctctacttgc	tgcccttgag	tcttctgggt	1680
acaacaagg	tggttgttca	aggaaatcct	cggaatttcc	ttgtcgacaa	agagcacacc	1740
gctttccaag	ccatgaagct	ccttttacac	atagatagca	gaaaacgtgc	ttacagggca	1800
gactgactgg	atgaacacat	gtttgcagac	aaatggcaca	ttcaggagac	gttaaagaag	1860
gtgcagtatt	agaacaggac	tcgttcgctt	tcctgtttgt	aggaagcatg	tttattgaat	1920
gatcaatttc	accacagcca	gccatcctgc	aaatcagagt	ttacaaagct	caggtaaaaa	1980
tggaacaaaa	aagtgccttg	taatcactaa	agcttcataa	aggtaacaat	catataagac	2040
caaaggagaa	aataacatga	atattgaaga	tcccatttct	attacagatc	ccacagatgc	2100
ctggccacaaa	aataaagcat	tttcttcacc	agcagtcagc	cagettacag	tattttctct	2160
tccactgctg	gttcatttct	tgtgcggccc	ctgaccccg	cgccgcccc	ctcaggcccc	2220
gagcgcaagg	ccgacccgga	gtacgttgcg	gctggagggt	acaccgagag	ctatgcctcc	2280
tctccccgag	tgaggatcct	agagtggccg	gcgttcaccc	tgctcccccg	agagggcctc	2340
gctccgactc	ccacctctcc	ggccacagct	gcggccacct	cgcagtcttt	tctctctggc	2400
ctcggagccc	gcagctgccg	ggaacgcg				2428

<210> 8470

<211> 1884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1608)...(192)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8470

tttttttttt	ttaatatga	aaaaatacaa	ttaaattttt	attaaaaata	catactcctt	60
acgcgatctt	tgtgtacatt	ttgtgtgaaa	aggaaaaaaa	aataggaaag	gcattaagac	120
tacctaatta	tttatactgt	atttggtaga	agcgtgtttc	agtcaaactt	taacgaaaaa	180
taagttattc	tgttttcatt	tgctcccgga	cgtcagaagg	cagagtttca	aacagagcat	240
cttctacaac	taaaccagct	cgcttcagag	cccagacagc	acccagttca	ggaggaggga	300
tttcaaagt	attacctttt	ccatctaagt	aggaaagaaa	tagcaaattt	ccaattttcg	360

gtgaaagtac	agataggctg	ttttttccaa	tcttcagagt	tttaagtttc	ttgcagaagt	420
agagttcatc	tggaaggctt	tccactttgt	tacatgtgat	ggaaaaatac	tgtaaacttt	480
gtagaactcc	aatttcaggg	gggataaatac	gaatgtcatt	gtacgataag	tccaagtatc	540
ggatcttggt	gcataggaag	aggtgggaag	gcagcacctc	tattttattg	tgactaaagg	600
acaggcggtc	caggctgggtg	agtttcttta	tatgctctgg	gatgtaggtg	atgctgttat	660
gccacagttt	tagcactgtc	aactttctta	agtgtctgaa	gctaacgatt	tcttctatag	720
atttcagatt	gttttccctc	aggtccaatt	cctggagggt	gagtaggctg	aacacagcat	780
gaggaatac	ctccagggtca	cagtggacca	gctccagctc	tgtcagattg	gtcatcttct	840
tttaagttgt	gagcatcacc	agcttgggtg	catcattatg	tatgcacatc	ttctggagat	900
ggctggaaac	atcaaccact	gcctgaggga	ttttggaaac	gttgcttttg	atagagagaa	960
ttttaaggct	tttgagatcc	cgcagagact	caagggtgac	atttctggaa	atatcatgac	1020
tttagagagcc	aactagggtac	agctcttcca	gatttcggag	cccatacatc	caggggggga	1080
gttccctcat	gtcatcaaac	ttgacgtctc	agaccttgag	gttttccctc	aggaaagaga	1140
gcgccgcact	gtggattttg	acagaacact	ggtgcagaga	gagctcttga	agattgtcta	1200
gctgtgcaat	gggtggctggt	atcattacgt	tcttaatgat	ttcaagtttt	agagattgca	1260
actctgtgat	ttcaaaaaca	gtgtctggaa	ggccagagag	catgataaga	ggcaattcca	1320
gtcgattatg	ggcatttgtc	tgtagcttct	gcctcagttt	atcaggagtc	cattcgttat	1380
ttaagttcag	ctgctttaat	ttgttttcac	tgacttcaga	caggaacact	gcaaactctct	1440
tggaatagag	agggtcatatc	tgatctatca	tatgaagcat	aaaagcaaag	tcatttttca	1500
catctggaat	atcatcaaat	ccagtctcct	gacggacata	ctcaaaggaa	tattcccgtc	1560
gagaacggta	gaacagccag	tataaggtat	aaaggcacgt	caatccatag	atactaacaa	1620
agcacagata	gcaaaaggac	agttttgaga	acaagtgtgc	catggtatga	ttgcaagaaa	1680
agtttttata	tccagtcattg	tcctgaatgt	ccacattaca	gtccactgta	aactggacct	1740
tggaaccag	agcactatta	tatgcaatga	tgattaggaa	tttgataact	tttaagtacag	1800
tctggcgaa	atacatggca	tatagaatat	caccttcttc	cacatgcagc	ctgaacttct	1860
tcaccttctc	aaataaggcc	ttag				1884

<210> 8471

<211> 2718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (668)...(1199)

<223> similar to gi4324682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8471						60
tttcgtgttc	tgcgcgtact	ggctgtacgg	agcaggagca	agaggtcgcc	gccagcctcc	120
gccgccgagc	ctcgttcgtg	tccccgcccc	tcgctcctgc	agctactgct	cagaaacgct	180
ggggcgccca	ccctggcaga	ctaacgaagc	agctcccttc	ccaccccaac	tgcagggtcta	240
attttggacg	ctttgcctgc	cattttcttc	aggttgaggg	agccgcagag	gcgagggtctc	300
gcgtattcct	gcagtcagca	cccacgtcgc	ccccggacgc	tcggtgctca	ggcccttcgc	360
gagcgggggt	ctccgtctgc	ggtcccttgt	gaaggctctg	ggcgggtgca	gaggccggcc	420
gtccggtttg	gtcacctct	cccaggaaac	ttcacactgg	agagccaaaa	ggagtggaa	480
agcctgtctt	ggagattttc	ctggggaaat	cctgagggtca	ttcattatga	agtgtaccgc	540
gcgggagtg	ctcagagtaa	ccacagtgtc	gttcatgggt	agagcaattc	cagccatggt	600
ggttcccaat	gccactttat	tggagaaact	tttggaaaaa	tacatggatg	aggatggtga	660
gtggtggata	gccaaacaac	gagggaaaag	ggccatcaca	gacaatgaca	tgcagagtat	

tttggacctt	cataataaat	tacgaagtca	ggtgtatcca	acagcctcta	atatggagta	720
tatgacatgg	gatgtagagc	tggaaagatc	tgagaaatcc	tgggctgaaa	gttgcttggtg	780
ggaacatgga	cctgcaagct	tgcttccatc	aattggacag	aatttgggag	cacactgggg	840
aagatatagg	ccccgcagct	ttcatgtaca	atcgtggtat	gatgaagtga	aagacttttag	900
ctaccatata	gaacatgaat	gcaaccata	ttgtccattc	aggtgttctg	gccctgtatg	960
tacacattat	acacaggtcg	tgtgggcaac	tagtaacaga	atcggttgtg	ccattaattt	1020
gtgtcataac	atgaacatct	gggggcagat	atggcccaaa	gctgtctacc	tgggtgtgcaa	1080
ttactcccca	aagggaaaact	ggtggggcca	tgccccttac	aaacatgggc	ggccctgttc	1140
tgcttgccca	cctagttttg	gagggggctg	tagagaaaat	ctgtgctaca	aagaagggtc	1200
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agtccatgac	acccatgtcc	ggacaagatc	agatgatagt	agcagaaatg	aagtcaaaag	1320
cgcacagcaa	atgtcccaaa	ttgtttcttg	tgaagtaaga	ttaagagatc	agtgcaaaag	1380
aacaacctgc	aataggtacg	aatgtcctgc	tggctgtttg	gatagtaaa	ctaaaagttat	1440
tggcagtgtg	cattatgaaa	tgcaatccag	catctgtaga	gctgcaattc	attatgggtat	1500
aatagacaat	gatggtggct	gggtagatat	cactagacaa	ggaagaaaagc	attatttcat	1560
caagtccaat	agaaatggta	ttcaacaat	tggcaaatat	cagtctgcta	attccttcac	1620
agtctctaaa	gtaacagttc	aggctgtgac	ttgtgaaaca	actgtggaac	agctctgtcc	1680
atttcataag	cctgtctcac	attgcccag	agtatactgt	cctcgtaaac	tgtatgcaag	1740
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gcagagcagc	agtacatgct	ggagtgggtc	gaaatcacgg	tggttatggt	gatgtaatgc	1860
ctgtggacaa	aagaaagacc	tacattgctt	cttttcagaa	tggaaatcttc	tcagaaagtt	1920
tacagaatcc	tccaggagga	aaggcattca	gagtgtttgc	tgttggtgtga	aactgaatac	1980
ttggaagagg	accataaaga	ctattccaaa	tgcaatat	ctgaattttg	tataaaactg	2040
taacattact	gtacagagta	catcaactat	tttcagccca	aaaagggtgcc	aaatgcatat	2100
aaatcttgat	aaacaaagtc	tataaaataa	aacatgggac	attagctttg	ggaaaagtaa	2160
tgaaaatata	atgggttttag	aaatcctgtg	ttaaattattg	ctatattttc	ttagcagtta	2220
tttctacagt	taattacata	gtcatgattg	ttctacgttt	catatattat	atgggtgcttt	2280
gtatatgcc	ctaataaaaat	gaatctaaac	attgaatgtg	aatggccctc	agaaaatcat	2340
ctagtgcatt	taaaaataat	cgactctaaa	actgaaagaa	accttatcac	attttcccca	2400
gttcaatgct	atgccattac	caactccaaa	taatctcaaa	tgaattttcc	acttaataac	2460
tgtaaagttt	ttttctgtta	attttaggc	atagaatatt	aaattctgat	attgcacttc	2520
ttattttata	taaaataatc	ctttaataatc	caaatgaatc	tgttaaaatg	tttgattcct	2580
tgggaatggc	cttaaaaata	aatgtaataa	agtcagagt	gtgggtatgaa	aacattccta	2640
gtgatcatgt	agtaaatgta	gggttaagca	tggacagcca	gagctttcta	tgtacctcgg	2700
ccgcgaccac	gctaaggg					2718

<210> 8472

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (750)...(1672)

<223> similar to gi2622601 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8472

gatattttaa	ctacataaac	ttgaagtctg	agaataagct	cagtgggaaa	gaggaccttt	60
gggaaaaatt	acagtatttg	tgggaagtcta	ctctgaatct	cccagaagat	cttttgaggg	120

ttcctgatga	gtcactcttc	ttaaatagtg	gtggagatgc	cttaaagtcc	atccggctcc	180
tcagtga gat	tgaaaaactt	gttggtacat	cagtacctgg	gcttctggaa	attattctca	240
gcagttccat	tttagagatt	tataatcaca	tccttcaaac	agtggttcca	gatgaagatg	300
tgacattcag	gaagagttgt	gccacaaaaa	ggaaactcag	caacattaat	caagaggaag	360
ccagtggAAC	atctttacat	cagaaagcca	tcatgacttt	cacttgccac	aatgagatta	420
atgcttttgt	tgtactgagc	agagggagtc	aaattttgtc	tctgaattcc	actaggtttt	480
taacaaaagt	aggacattgc	tcttcagcct	gtccttctga	ctcagtttca	cagaccaaca	540
ttcaaaaatt	gaaaggttta	aattctccag	ttcttattgg	gaagtcaaaa	gatccatcct	600
gtgttgcaaa	agttttctgaa	gaggggaaac	ctgcgatagg	gactcagaaa	atggagttac	660
atgtgagggtg	gaggtcagac	acaggcaaat	gtgtagatgc	ttcaccgctg	gttgtaatac	720
ccacttttga	taagtcatct	acaactgtgt	acattggttc	ccattctcat	agaatgaagg	780
cagttgactt	ttactctggg	aaggtaaaat	gggaacagat	tttgggagat	cgaattgaat	840
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tttatgttct	gaaaagtaat	agtggagaaa	aatactggat	gtttactact	gaagatgctg	960
tcaaaagctc	ggcaaccatg	gatccaacca	caggactcat	ttacattgga	tctcatgacc	1020
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gtggaaaacc	actcttctct	tccccacaat	gttgtccaca	gtatatttgt	attggctgtg	1260
tagatgggaa	tttactctgc	tttactcact	ttggagaaca	ggtttggcag	ttctctacca	1320
gtggaccaat	cttttcatcc	ccgtgtacct	caccatcaga	gcaaaaaata	ttttttgggt	1380
cccatgattg	ctttatctac	tgttgtaaca	tgaaaaggta	cctgcagtgg	aaatttgaaa	1440
ctactttcaag	ggtctatgca	acaccgtttg	ctttccataa	ctacaatggc	agcaatgaaa	1500
tgttgctggc	agcagcatct	actgatggga	aagtgtggat	cttggaatct	cagagtggac	1560
aattgcaaa	tgtttatgaa	cttcctggag	aagctctctc	ttctcctgtg	gtcctggaat	1620
caatgctcat	tattgggtgt	agagataatt	atgtttattg	tctggattta	ttgggtggca	1680
atcaaaaaata	atcaaataca	gtccttattt	gtataacaaa	tgtgagatat	ttgaaaatat	1740
tttaccatta	tacatcatgt	ggacttattt	tatattaaag	aagattatat	tttggctaag	1800
aaaaaaaaaa						1810

<210> 8473

<211> 1521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (978)...(543)

<223> similar to gil79304 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8473

ttcagtttct	caacttaact	ttattttcaat	aattttaatag	aaaattaaaa	taataaataa	60
tatgaaacag	actgataacg	ctgagctggg	caggcccagg	ccagtctagt	acaaagttaa	120
ggaggtaggg	aggatggtgg	ggaggagggg	gcggaactacc	ctgcaggacg	cgggaggctg	180
ctcagactgt	ggtgatgtca	ggaagggccg	cacacttttg	catggacgat	gcactaaaaa	240
aagagaaagg	gaattctaaa	tccctcttaa	ccagctggag	aggggaaggac	gcagggccag	300
ggtggggaca	agtgttggct	tcggaaggct	ctgagtgggtg	gggccggaat	gtacatggtt	360
gtagcaatg	gggttgggat	gggtggagaa	gggccaaaagt	gagctgtgcc	atgcaatgaa	420
gggacagagg	aggaccacg	acttggccag	cagagccggg	gcaaaagtct	gggaagggga	480

gggaaagaga	gagggactgg	gtcccaaggc	aagaggaagg	cagggggagg	gtcagaggtc	540
agtccttgaa	gacaatttgt	tggccatgag	gacgctcgtc	gtgggtgata	tggcgccgga	600
catggatcct	gcggacacgg	tgtctctcgt	tctcttcata	ctccccgcgg	ccagccccac	660
cagctccagc	tgctccccct	gtggcctcca	ggagggctgg	gtctggggccc	cggggagtct	720
cgtagatgag	gatgttcagg	gtctcctcga	agatccgggc	ctctggaaat	tccaccttgg	780
tctgtttctt	ctccgtagca	tagacaatgg	aggtgcagca	cacctcggcg	attttgcggc	840
cctgcccgta	gaaagaccag	cagcagatct	cgtccccag	gacatccttg	aggaagagta	900
gccgcccgtg	gaagcgcagg	gccagcttgt	cgaacagctc	gatgttctta	agtaggttgt	960
catctgaagt	gctggggacc	aggggaccag	gaggcctcag	cgcagttggc	acccctccct	1020
ctgtaccccc	agaagacggg	cctggatgca	ttcccagtc	tctgctcctg	cccagggctt	1080
tggtgctcaa	cagagagcct	cctccacccc	tggggccagg	ctaaacgggt	ctcagaaggg	1140
aagccacatg	cgtgagcaa	atcccagcac	agcacagcac	agcagctcca	gtgagggacc	1200
gggagccagg	ccacctcccc	gggggtcctg	ggtgtcccca	ttttttaact	gggtgacact	1260
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cagtactgac	ctcaaggggg	aggactctgc	cagttcctag	aatgagagca	cttgggatag	1380
gctcgccact	atcactttgt	cctcacccaa	acccatttac	tgatgactga	gctgaagctg	1440
agaagcagaa	aggacctgcc	tagagcgtca	ggggaagag	gcgaagccga	atctgcgagc	1500
aggcacagat	gttcttgtag	g				1521

<210> 8474

<211> 1655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1182)...(1499)

<223> similar to gi5912023 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8474						
ccagtgcggt	ggaattcgtc	tacactgata	gattccatct	tatttttagga	atcagcgtgg	60
aattttctatg	ttcttttacgg	tcagatgcaa	ccatggaaag	cataactgct	tgcttacatg	120
cattgcaagc	acttctagat	gtaccttggc	ccagatcaaa	aattggcagt	gatcaggact	180
cgggtataga	attgctgaat	gttctacatc	gagtaatttt	aaccagagaa	tcaccttcca	240
ttcagttggc	ttcacttgaa	gtggtaaggc	agattatctg	tgctgctcaa	gaacatgtga	300
aggaaaaaag	acgaagtgca	gaagttgatg	atggggctgc	tgaaaaggaa	actctgccag	360
agtttgagga	gggaaaggac	accggaggac	ttgtgcctgg	aaagtctttg	gtctttgcaa	420
cactggaatt	gtgtgtatgc	attctagtta	gacagctccc	agaattaaac	cctaaattga	480
caggtagccc	aggagtaaaa	gctacgaagc	cacagatact	attagaagat	ggaagtagat	540
tggttttcagc	tgcatgtggt	atcctttccg	aacttcctgc	agtgtgctct	cctgaaggaa	600
gcatctcaat	tctccctact	atattgtacc	tcacaatcgg	ggtcctcaga	gagactgctg	660
tgaagttacc	tgggggccag	ttatcttcga	cagttgcagc	ttccctacag	gctctaaaag	720
gaatattatc	ttctcccatg	gcccgggcag	aaaagagccg	tactgcttgg	actgaccttc	780
tccgaagtgc	cttaacaaca	attcttgact	gttgggatcc	agttgatgaa	acacaccaag	840
aacttgatga	agtcagtcta	cttactgcta	tcacagtgtt	tattttgtct	accagtccag	900
aagtaactac	catcccatgc	cttcagaagc	gctgtattga	taaattttaa	gctactcttg	960
agataaaaaga	tctgtgggta	caaatacaaga	cctaccagct	cctacattcc	atctttcagt	1020
atccaaatcc	agctgtttcc	taccataaca	tttactcttt	agcatcctgt	atcatggaaa	1080
aactgcagga	aatagacaag	agaaaacctg	aaaacactgc	tgagcttgag	atcttccaag	1140

aaggcataaa	ggtcttagaa	acactgggta	ctgttgctga	agaacacccat	cgcgctcagc	1200
tggtggcctg	tcttttgccc	atcctcatTT	ccttcctttt	ggatgaaaat	tctctgggat	1260
cagcaacttc	cataatgaga	aattttacatg	actttgctct	acaaaatctc	atgcaaattg	1320
gacctcagta	ttcatctggt	tttaaaagtt	tagtggtctc	ttctccagcc	ctaaaagccc	1380
gccttgaggc	tgctataaa	ggcaatcagg	aaagtgtcaa	agtcaagata	ccaacatcta	1440
aataactaa	gagtcctgga	aaaaactcaa	gcattccaatt	aaagaccagt	ttcctctgat	1500
tttttttttg	gaatagtaag	caccttaata	taataaatac	ttgatcattg	cctttggtga	1560
caaaagggac	attgtaaaca	caagtgccct	tagaggctca	gttgattggt	ttaccttaaa	1620
tagctgtgac	tcttcaaagt	aacagcatat	ttaaa			1655

<210> 8475

<211> 2323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2324)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (124)...(689)

<223> similar to gi5931612 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8475						
ggaattcctc	acctctcgtc	cagggacatg	acgggcacgc	caggcgccgt	tgccaccogc	60
gatggcgagg	ccccgagcg	ctccccgccc	tgcagtccga	gctacgacct	cacgggcaag	120
gtgatgcttc	tgggagacac	aggcgctcggc	aaaacatggt	tcctgatcca	attcaaagac	180
ggggccttcc	tgtccggaac	cttcatagcc	accgtcggca	tagacttcag	gaacaagggtg	240
gtgactgtgg	atggcgtgag	agtgaagctg	cagatctggg	acaccgctgg	gcaggaacgg	300
ttccgaagcg	tcacccatgc	ttattacaga	gatgctcagg	ccttgcttct	gctgtatgac	360
atcaccaaca	aatcttcttt	cgacaacatc	agggcctggc	tactgagat	tcattgagtat	420
gcccagaggg	acgtggtgat	catgctgcta	ggcaacaagg	cggatatgag	cagcgaaaga	480
gtgatccgtt	ccgaagacgg	agagaccttg	gccagggagt	acgggtgttc	cttcctggag	540
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gctctggagg	cacacaggat	gcagccttcc	ccctcccagg	cctggcttat	tccaagaggc	780
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tactccaact	cctacttgag	ttcctgcggt	ctccccgcat	ccacagggag	ggtaaaaaac	900
ttagctttta	ttttaatagt	acataattta	ataccaaaaa	aggcgcttgg	atccccaaaa	960
aaccgaggct	gggagctagt	ggcccttttt	ctttcttagga	cttggggggc	cgccctccc	1020
tcctaagcat	aacaaagggtg	gtgttgctcc	agctcagccc	caggggacac	agatgcactt	1080
tgggggtgag	ggcaggtaat	gactccatcg	caccctcagt	tcagctggac	agagggtcag	1140
gtgacccag	ccttctactgt	ctcccgtctc	ccaggagctt	atcttcgccc	catctcccaa	1200
ataagtgggc	ccttgtgctg	tgaggaagac	caaagcctca	gggaagataa	gagatatgga	1260
gatgggaggg	ggaggacaag	gggcagagag	tagggcttag	ctggctatct	ctggccttac	1320
taacaccccc	ctggaggcat	gccccttttc	tccagcacac	aagcacattg	gggcacctgg	1380

aaatattggt	tccaggtctc	tgttctctgg	acttcagatc	ctggggggagc	ccctcccccc	1440
cctgaatccc	tggcttagct	accttcctgc	ctgtgcacct	aaaaacctca	ggtcagaact	1500
aggaaaagag	ttttgttttt	atTTTTTTga	aatggagtct	cgttctgtcg	cccaggctga	1560
ggtgcagtag	tgcaatctcc	gtcactaca	acctccactc	cctgggggctc	aagcgatcct	1620
cccacctcag	ccccgaagt	agctgggact	ataggtgtgt	accatcacac	ctggctaatt	1680
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agctcaagca	acctgccggc	ctcggcctcc	caaagtactg	ggattacacg	cagaaggcac	1800
catgcccagg	ctagatgtgt	cttatcccaa	tcctttggca	ggcatgcagc	tccacaggcg	1860
atttcttcaa	gcagctgaag	tgttttagccc	tcctgggtta	agagccagat	aaggagaaat	1920
cccttttcta	ggttttgaat	gtgtttgtgaa	aaaaaagaga	aatccctggc	tcctggagct	1980
ggtgggagac	aagattaagc	aaacctcccc	tgacatgtat	ccctttgacc	ccaagctctg	2040
cctcctccct	gaccaccat	gccctttcct	ttaacttctc	aaacagatac	cagggcctaa	2100
actgctttac	ctccccctcct	actgagtcag	gttaggtgggt	ggggagggttc	aaccatttct	2160
cgagtttaaa	cccaatgcaa	tattgagtaa	aacaaagttc	atgtggggta	ttgtctgggg	2220
tagagagagg	ggtagcaagt	tcatgtgtcc	tccttgggtca	catatctccc	aaagctctga	2280
tcctnccat	gggaagtgga	caggaaacat	gaggtcatga	cct		2323

<210> 8476

<211> 2794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1862)

<223> similar to gi932 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8476						
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ggcgggtggac	gtggtgccgg	aggggaagaa	aataaagaaa	acgaacgccc	ttcggccgga	120
tcgaaggcaa	acaaagaatt	tggggatagc	ctgagtttgg	agattcttca	gattattaag	180
gaatcccagc	agcagcatgg	tttacggcat	ggagattttc	agaggtacag	gggctactgt	240
tcccgtagac	aaagacgtct	tcgaaaaaca	ctcaacttca	agatgggtaa	cagacacaaa	300
ttcacaggga	agaaagtgc	tgaagagctt	ctgaccgata	atagataact	gcttctgggt	360
ctgatggatg	ctgaaagagc	ctggagctac	gccatgcagc	tgaaacagga	agccaacact	420
gaaccccgaa	aacggtttca	cttgttatct	cgcctacgca	aagccgtgaa	gcattgcagag	480
gaattggaac	gcttgtgtga	gagcaatcgc	gtggatgcc	agaccaaatt	agaggctcag	540
gcttacacag	cttacctctc	aggaatgcta	cgttttgaac	atcaagaatg	gaaagctgcc	600
attgaggctt	ttaacaaatg	caaaactatc	tatgagaagc	tagccagtg	tttcacagag	660
gagcaggctg	tgctgtataa	ccaacgtgtg	gaagagattt	cacccaacat	ccgctattgt	720
gcatataata	ttggggacca	gtcagccatc	aatgaactca	tgcagatgag	attgaggtct	780
gggggactg	agggctctct	ggctgaaaaa	ttggaggctt	tgatcactca	gactcgagcc	840
aaacaggcag	ctaccatgag	tgaagtggag	tggagaggga	gaacggttcc	agtgaagatt	900
gacaaagtgc	gcattttctt	attaggactg	gctgataacg	aagcagctat	tgccaggct	960
gaaagcgaag	aaactaagga	gcgcctgttt	gaatcaatgc	tcagcgagt	tcgggacgcc	1020
atccagggtg	ttcgggagga	gctcaagcca	gatcagaaac	agagagatta	tatccttgaa	1080
ggagagccag	ggaaggtgtc	taatcttcaa	tacttgcata	gctacctgac	ttacatcaag	1140
ctatcaacgg	caatcaagcg	taatgagaac	atggccaaag	gtctgcagag	ggctctgctg	1200
cagcagcagc	cagaggatga	cagcaagcgc	tcaccccggc	cccaggacct	gatccgactc	1260

tatgacatca	tcttacagaa	tctggtggaa	ttgctccagc	ttcctggttt	agaggaagac	1320
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ttcattgtctc	agtcctatgt	gctggtgaag	aagtggagcg	aagcccttgt	cctgtatgac	1440
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aaggacctgc	ctgatgtgca	agagctcatc	actcaagtgc	ggtcagagaa	gtgctccctg	1560
caggccgcag	ccatccttga	tgcaaacgac	gctcatcaaa	cagagacctc	ctcctcccaa	1620
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gtcaccaagc	aagccaacct	tgtgcacttc	ccaccaggct	tccagcccat	tccctgcaag	1740
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gaacagaaga	ccaagagtgg	cctcactgga	tacatcaagg	gcatctttgg	attcaggagc	1860
taaccaggct	cttcctcggg	ggcgggggag	attctgactc	ttaatctgta	ttgtgagaaa	1920
atcccagcaa	gttccatgat	attaaatcca	ggtctgcatt	ggcccggggc	aagagtttaa	1980
catcttcggc	cctgcattcc	tacatcttgt	gtctgtacac	gttcttaagc	agcgtgtcag	2040
gagagcaccc	tgttgtcttc	tggtaaattgt	gtgcagggtc	atcctgtctc	ctgtacctcc	2100
tgggaagggg	gcccgtgctg	tctgggtgcc	tgtgagctgt	gattgattgc	ctttggtcag	2160
taatgcgttc	aggagtccac	accaggcaca	gatggggcct	tgaaacgctt	tgtcatgctt	2220
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aagaaatatg	ttacactcag	aaatgatgaa	accaaattctt	atattaaaag	gcaaagatga	2460
cggagactgt	gcccatttct	tatatgccct	tccctcatgg	tccagtcccc	gttctctcct	2520
tcggggagcct	tagttgcgtg	aagccgggtga	ggccaagtgt	aacctgactt	accggcaact	2580
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gtaattttta	aatgccatta	tattttaatc	cccttcgtta	ccccccgttt	ttccttagtc	2700
atcccttttc	acttctatta	taacatcaat	aatagaagtc	acaaaatcaa	tgtaagaaag	2760
caaggaataa	aagtgattta	aacatgaaaa	aaaa			2794

<210> 8477

<211> 2318

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(1642)

<223> similar to gi178390 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8477

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tccgctcgct	gtccgctagc	ccgctgcgat	gttgccgct	gccgcccgt	tcggggcccc	120
cctggggcgc	cgcccttgt	cagccgcgc	caccaggcc	gtgcctgcc	ccaaccagca	180
gcccagggtc	ttctgcaacc	agattttcat	aaacaatgaa	tggcacgatg	ccgtcagcag	240
gaaaacattc	cccaccgtca	atccgtccac	tggagaggtc	atctgtcagg	tagctgaagg	300
ggacaaggaa	gatgtggaca	aggcagtga	ggccgcccgg	gccgccttcc	agctgggctc	360
accttggcgc	cgcattggacg	catcacacag	ggccgggctg	ctgaaccgcc	tggccgatct	420
gatcgagcgg	gaccggacct	acctggcggc	cttgagagacc	ctggacaatg	gcaagcccta	480
tgtcatctcc	tacctggtgg	atttggacat	ggcctcctcaa	tgtctccggt	attatgccgg	540
ctgggctgat	aagtaccacg	ggaaaaccat	ccccattgac	ggagacttct	tcagctacac	600
acgccatgaa	cctgtggggg	tgtgcgggca	gatcattccg	tggaatttcc	cgctcctgat	660

gcaagcatgg	aagctggggc	cagccttggc	aactggaaac	gtggttgtga	tgaaggtagc	720
tgagcagaca	cccctcaccg	ccctctatgt	ggccaacctg	atcaaggagg	ctggctttcc	780
ccctggtgtg	gtcaacattg	tgcttggtat	tggccccacg	gctggggccg	ccattgcctc	840
ccatgaggat	gtggacaaag	tggcattcac	aggctccact	gagattggcc	gcgtaatcca	900
ggttgctgct	gggagcagca	acctcaagag	agtgccttg	gagctggggg	ggaagagccc	960
caacatcatc	atgtcagatg	ccgatatgga	ttgggcccgtg	gaacaggccc	acttcgccct	1020
gttcttcaac	cagggccagt	gctgctgtgc	cggctcccgg	accttcgtgc	aggaggacat	1080
ctatgatgag	tttgtggagc	ggagcgttgc	ccgggccaag	tctcgggtgg	tcgggaaccc	1140
ctttgatagc	aagaccgagc	aggggccgca	ggtggatgaa	actcagttta	agaagatcct	1200
cggctacatc	aacacgggga	agcaagaggg	ggcgaagctg	ctgtgtggtg	ggggcattgc	1260
tgctgaccgt	ggttacttca	tccagcccac	tggttttggg	gatgtgcagg	atggcatgac	1320
catcgccaag	gaggagatct	tcgggccagt	gatgcagatc	ctgaagttca	agaccataga	1380
ggaggttggt	gggagagcca	acaattccac	gtacgggctg	gccgcagctg	tcttcacaaa	1440
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gttcagcaag	atcagcaaca	aaaccaagaa	aatgatcctt	tgcgtgctga	atatctgaaa	1740
agagaaatth	ttcctacaaa	atctcttggg	tcaagaaagt	tctagaatth	gaattgataa	1800
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ttaaggcaac	tgctacaccc	tgctttgtat	tctgggctaa	gattcattaa	aaactagctg	2040
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ggctcgcgcc	tgtggtccca	tagtgctggg	attgcaggcg	tgagccaccg	tgcccggcca	2160
actgtagggg	ccagccccac	agggctcggg	ggtttttctc	cccatgtgcg	gagacgagag	2220
attgtagaaa	tatagacaca	agacaaagag	gtaaaagaaa	agacagctgg	gcttggggga	2280
ccactaccac	caagaggcgg	agaccggtag	aggccccg			2318

<210> 8478

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(2380)

<223> similar to gi3255952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8478						60
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tctttcccta	ggatgtgctt	ttttgtctac	ttctttcact	ggatccttaa	cagcaaattg	180
tggttcggat	tgctctgtct	tgtatcacia	tcttaattgt	tacacacctt	tcaaagtgtc	240
aatttttagaa	tcttgtgctt	agcccttggc	tcatcctaac	ctccttggtc	ccttgggggtc	300
ggagtgtttg	gaatatggca	gggctgatgg	gcattgagtc	cctgcacagt	ccaccacaaa	360
gccccggggg	cctaagggat	aaatcctcgc	tctcctctgt	ctcctggggt	aggtgatctt	420
tgacgagact	ctacagaagt	gcctggactc	ctacctgcgc	tatgtccccc	gcaaattcga	480
cgaggggggtg	gcctcagccc	ctgaggttgt	tgacatgcag	aagcgctccc	atcgaagtgt	540
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cctctgcgtg	ctcttttgaa	aaggcaactc	accactgctc	cagaagatga	taggaaacat	660
ctttacacag	cagccaagtt	actacagtga	cctggatgaa	accctgccta	ccatccttca	720
ggtcttcagc	aatatcctcc	agcactgtgg	tttgcaaggg	gacggggcca	ataccacacc	780
ccagaagctt	gaggagaggg	gccgattgac	ccccagtgac	atgcctctcc	tggaattaaa	840
ggacattgtt	ctctaccttt	gtgataacctg	caccacactt	tgggcctttc	tgatatctt	900
ccctttggct	tgccagacct	tccagaagca	cgacttttgt	tacagactag	cttccttcta	960
cgaagcagca	attcccga	tggagtctgc	aattaagaag	aggaggcttg	aagatagcaa	1020
gcttcttggt	gacctgtggc	agaggetctc	ccattccagg	aagaagctaa	tggagatttt	1080
ccacatcatc	ctgaaccaga	tctgcctcct	tccatcccta	gaaagcagct	gtgacaacat	1140
tcagggcttc	atcgaagagt	tccttcagat	cttcagctcc	ttgctgcagg	agaagaggtt	1200
cctccgggac	tatgatgcac	tcttccccgt	ggccgaagac	atcagcttgc	tgcagcaggc	1260
ctcatcagtc	ttggacgaga	cgcggaactgc	ctacatcctc	caggcagtcg	agagtgcagt	1320
ggaaggggtg	gacagacgga	aagccacaga	tgctaaagac	ccatcggtga	ttgaggagcc	1380
taatggggag	cctaacgggg	tcacggtgac	agcagaggca	gtcagtcaag	catcatcaca	1440
tccggagaac	tcggaggaag	aggagtgcac	gggagcagcc	gcggctgtgg	gccctgccat	1500
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<210> 8479

<211> 2350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(1314)

<223> similar to gi3766199 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


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aaaaaaaaa 2350

```

<210> 8480

<211> 5653

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5612)...(4654)

<223> similar to gi5262636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<211> 2992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(1313)

<223> similar to gi3171908 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aaacggaggg	ggggtttctc	tttccatcat	ctggttttta	ccatttcact	cagtaggtat	2580
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gaacaaatgg	ggaaaactga	aaactaaaaa	ttttaaatgt	attaaatgcc	atccctgagc	2700
ctaaatctag	tatttgtagt	ttatttctag	gtctgctaga	acctgaaaac	ctgaatgaaa	2760
aaagggtgtg	tgacactaat	caagtcctgt	gaggtttaaa	ttattgacct	atccactcta	2820
cctccattgt	acaaaaaata	ttttacaaca	agcctgggta	agattcaaca	gcatagtagt	2880
tttgatatcca	aggttacttc	cccacaacca	ctttaaacat	aagaaatgtg	gtggcaatat	2940
aaagtttgta	gcctttccaa	taaagggttta	taaaacagtt	aaaaaaaaaa	aa	2992

<210> 8482
 <211> 983
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(379)
 <223> similar to gi5824468 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8482
attagttacag tgcgggtggaa ttcgacggcg gtcggcggtgg ggcgctatgc cggggcggca      60
cgttttctcga gtccggggcat tgtacaagcg cgtcttgcag ctgcaccgtg ttctgcccc      120
ggacctcaaaa tccctgggcg accagtacgt gaaagacgaa ttagggagac ataagaccgt      180
tggtttctgac gaggcacagc gtttcttgca agaatgggag gtgtatgcaa cagcgttatt      240
gcaacaggct aacgaaaaca gacaaaattc aactggaaaa gcatgttttg gcaccttcct      300
cccagaagaa aaacttaatg actttcgtga tgaacaaatt ggacagttgc aggagctgat      360
gcaagaagcc acaaaaccca ataggcaatt tagtatttct gagtctatga aaccaaaatt      420
ttagtctata caacaaagct taataagaca tgcaaaaatt tagaaccctt actttaactg      480
tcattgggtt ttgaaatata ttttaagctt gaaaacacct gttattaatg aaatactctt      540
ttattttgga tattatgatt gcagtatatg gatcaagatc actagtgaca attgaaaaaa      600
actattggaa taatagcact tgtataaaat tcagttttgg aactaaacag caaatttcta      660
gaattttgct gaaaatgttt taaaatgcta ttctcatcca gccatattag tcttctggct      720
tttcttttagc ttcatacaat aagcatgttg tgataatgat agatgtacaa ttccaacaag      780
gttattatatt tttaaatata ttgtcattct gaacatttta tcacttctag ttttaataata      840
catacatgat ttttcttctg aatgtctctt ctccctgcac cactgttcat tcacaatgaa      900
aggtaggaa gaagctttta aattcactat tttactatca atcatttgta taataaacta      960
tacaaagtat aaaaaaaaaa aaa                               983

```

<210> 8483
 <211> 1932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1807)...(757)
 <223> similar to gi4128133 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8483
gaaggattaa aaatatataa tcaaattttt tttttatttt tctacagcaa aataaaaaaca      60
ttatttttaa aaagcaatat tctacattaa atacattaag atattgacaa ttttataaat      120

```

acaatcattt	taaacagtaa	acatgataaa	tttctgatac	aagggttttac	atacgttaat	180
tgtgaaaata	taaaaacttt	acacacttct	cttaaaaagc	attcaacggt	aatcaatttt	240
acaaaattat	caatttaaaa	agtgttagga	tatgcttcta	ttttgttccc	attattaggg	300
ccaatggata	ggcatatcag	atcttaaaaa	agaaatggtg	aattagggcc	taagacatcc	360
ctatattgcc	taaaaacgaa	catttcagag	actttcttag	gcactgagtt	caaaaccagt	420
gaaggttgcc	ttctccctag	gcaccactac	ccctcatggt	tgtccgaatc	aggagacttc	480
ttcctggcta	cccttaggga	gagtcttcta	cacctattat	ttcctagttt	ctaggagaaa	540
gggtttcaga	aagaattttg	acattttaat	tctatgccag	tactgaaact	ctcccaaaga	600
ttgaggcatt	ctgcatttga	atthttatata	gaaagtcag	aatctaattc	caaaagaaaa	660
gagtgcactt	catttggtca	cttaatttca	taccacttgg	cgaggttaga	taactttctt	720
ctttgacaac	tgtctcgact	atataaatgg	tgattatacc	ggaaaggggt	ctaattgcctt	780
ttccacattc	ttccagttgt	gaaaattctc	tctgtaccat	tcaattgttt	tctttattcc	840
ttctttccaa	ggcactttag	gtctccatcc	taagccatgt	atthttttctg	acttcattgg	900
gtatctcatg	tcattgggtg	gtctatcatt	aacataatca	acccaatttt	ccatttcaga	960
ctctgaattg	gtctctttga	tcagttgtat	tagttctttg	gcaagctgga	caactgacat	1020
ttcaaaattg	gttccgatgt	tataaatttc	acctggtttc	ccttttttga	ggacagttag	1080
aaatgcttct	acaacatcag	tagcataaag	gaagtttctt	gtttgaagcc	ctgacccatg	1140
aatgcaacat	ttcctgttgt	gctgtagcaa	agatataaat	tttgaataa	ccttttctgg	1200
atattgatgt	ggtccataaa	cattactgct	tcttgtgatg	acaactggaa	acttatattg	1260
ttcccagtaa	gactgtacaa	aacattcagc	agctgcttta	gatgatgcat	aaggatttgt	1320
aggttgtttg	ggtgaagatt	catcaaattc	cttatcaaga	ctgccaccat	atacttcatc	1380
tgtgctgaca	taaataaact	tctccactct	ggcttcatga	gcagcactta	ccaaaacgtg	1440
agtgccataa	acattaacat	aggtaaactc	aaaggcacgt	acgaatgaaa	gatctacatg	1500
tgtttgtgcg	gcaaaatgta	gtactatata	tattttctct	gtttcaaaaa	gcagtttcac	1560
aaagtgagaa	tcacatatgt	caccctgtat	aaattttag	ttctgtttgt	tagaaatggg	1620
ttcaagattc	ttcaagcttg	cacagtaatc	cagcttgtct	agatttatga	tcatatagtt	1680
tggataatct	tcactaaaag	agacaatcat	atgtgatgca	atgaaaccag	caccgccggt	1740
caccaggacc	cgcttcgcaa	agccgccggg	aagacccac	ggttcctccc	aacacgccgc	1800
cgacatctcc	cagctcagca	gtgcctagta	ccgtaaagag	tatggctctga	aaagcgcagg	1860
gaagttccgc	cgcgaccttt	tgcgtacgcg	cctcgctcgc	gggacacgtt	aacagagcag	1920
ccagagacga	aa					1932

<210> 8484

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(426)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (49)...(420)

<223> similar to gi4107088 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8484

ccacaacgct atcctcgaga acttcggcat ttaacaggag nccagcgnga ggtgcagctg 60

gtggagtcg	ggggaggctt	atttcacccg	gggggggtccc	tgagactctc	ctgtgcagcc	120
tctggattca	ccttcagcaa	ctactggatg	caactgggtcc	gccaaagctcc	agggaggggg	180
ctgatgtggg	tctcacgtat	taataataat	ggggatacca	caaattacgc	ggactccgtg	240
aagggtcgat	tcaccatctc	cagagacaac	gccaaagaaca	caactgtatct	ccagttggac	300
agtctgaggg	tcgaggacac	ggctgtgtat	tactgtgcaa	gagagggccc	ggtctactat	360
catagtagtg	gttattactc	tgtaataggc	caggggaaccc	tggtcaccgt	ctcctcagca	420
tcccc						425

<210> 8485
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1459)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1297)...(646)
 <223> similar to gi4583677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8485						60
tttttttttt	ttccaggacg	ctcacactta	gtttttatta	gccacagttt	cccacagttt	120
tctacctct	aggaaataca	cagctcacca	agggcaccca	gtcaccattc	tgtcctgctt	180
gcatggctga	caactgttgc	caccgagggt	gagcagatct	gcaaagtcac	ccagggcctg	240
gtttcctcag	gtacagagaa	ccccaaagaa	agaagagcca	gaacttagag	cccctttctt	300
ctccatatgg	gataggacac	ccaagacaaa	tgacccatgc	atcatgaaac	agaggcaggg	360
ccctaagctg	ccaagaggc	ctgggcactt	ggagtctctg	ccaacagcca	ggccactgaa	420
ccattgcttg	tccacctctc	cacagtggct	aatccctggc	ctagttgtaa	atgtcttttc	480
agcgtgcac	acttaatgca	gtcggatgcc	ttctgattac	tggtctctga	gaccttcagc	540
tgctgaggtg	caagaatcaa	gcatgggcat	gaaaggcaaa	gggctaccac	agcagcatcg	600
ttctgcctcc	accctgggct	acgcgaccca	gcccagcagg	ctgtgacctg	ggagagctgc	660
tccagcctgg	ggcatgaggg	gccctagagc	aggatgccgg	ggctaggagt	ggactgccct	720
gctgatgggt	cgttttttctg	tgaagaagct	tttcaacagt	agcacctgac	tgaagctgac	780
cacgaacagg	gcaatcgtct	cgccaacaga	ccagtaagag	actcggctat	taaggctctc	840
cgctcggggc	cggctcctggg	cctcccgcag	ccggtaatgc	gtctgggagt	caatcacctg	900
tttcagagcc	tcatggatgg	tcacgcaggc	ggactccatc	tggttgagag	ctgtgacctt	960
gttccccatg	tctgggagaa	tgggaggctc	atcgccact	tgaaagtcaa	agtagacggg	1020
cttgtgagag	aagggtggaaa	actcattact	gaagcaaaac	tgataaacgc	ccttgacttc	1080
agcccggtac	gtgaagctgt	cgtactgctt	cttcgtttct	ctgtagatgg	tgttcccctg	1140
gggttcctct	acatagcagt	caacatcgta	gtggcctcca	gtgatgacct	ggtaatccag	1200
ggagaacttc	acgccctgct	ccacctctc	gtggaagcac	tgcttgccgt	tgtccggcag	1260
ctcgaagggtg	agctcggccc	cgcaggggctg	ctcggcccg	cgcaggagca	gcagcagaag	1320
cagcacggag	gcggagcgcg	ggacagtgtc	gcccattgatg	ctctcgggtcc	cgtctcgagg	1380
gccgcggctc	ggcgctgctg	cccccgccgg	gctggggcga	cgactaccga	ccgggtccta	1440
ggaggatgta	aggggataaa	cgtggcacca	gcggagctct	gcgccggacg	cgtggctcga	1458
ccggaanttg	cggagcgg					

<210> 8486
 <211> 1271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1217)...(774)
 <223> similar to gi3879850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8486
tttttttttt ttgataataa agtgggtttgt tgagatttag gattttatta ttattttattt    60
ttagaaaaaa gagaaaattt acaagatgca aaggtctcac acaatacatt atcattgatg    120
attgctctct tgacacttca acacggggccc tggcaataaa aagaacatgg acagtgtgag    180
tgtattggag aacccccgcc atggacacgc agaatacacc acagtggact tgatgacaaa    240
tgatgctggg ccagcctgtt ccaaaaagcaa gccaaagatgt ggtagaaacc aacaaagcct    300
ttctgtgggg gaggcacgag cgcacacctt ctaccacatg cgcacccgcc ccctggccca    360
ccggcagtgcc ccactgcata actccaccac agcaacaaca gaaaacgata aaacgggtcct    420
ttgggtgttt ttgcagagct attcagggtc ccaaattctt atttctgtct tcctcttcat    480
gtttcagttc caaattctta aagtagtgta ggtgcttagc atcttgaatt tttcaggatc    540
cagttctgcc caatgataac aactgaatt ctgcctcctg agctacggct cccgttcaga    600
ggacacgtcg cctcagccc cgctgctggc actgcggtct tcttttcggg gagtgtttct    660
ttccttgctt gattcagaag gtcccttagc tctggtcttt tctttcctct gctgctgttt    720
ttcgagcttt gacagctgct ttgggtcaga ggtagcagtg ccgggagctg gcgattccag    780
ctctatggtc acaggcccat cattctgaat gtgcacctgc atgtaggccc caaacttgcc    840
atctttgata agctccggcc tgtatgtttt acgcagctgc tccaggaagc tgttgtagaa    900
gocctctgcc tgctccgtgg gcattgctag gtggaaatca ggcttgtttc ccttcaggac    960
acactggagg gtaaactggc tgacacacag aatctcgtac tgtttgcca tcacactctt   1020
cgaccagtgcc tccccactct catcctcaaa tacacgcagg tttagaatct ttcggaccat   1080
gtgttccagt tccttctgcg tatcctccag ggaaataccc agcaacacac atatgccctt   1140
tccaatggca ctaatctgct ctccctcaac tgtgacgctg gcccggtga cgcgctgcac   1200
cacggccttc atggcggcgg ctggggcgag tggggcgggc ccgcgctgcg tccggcctcg   1260
cgaattccac c

```

<210> 8487
 <211> 1805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (111)...(911)
 <223> similar to gi5832792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 8487
gcggccgcgg cggaacatg gaggagctgc tgaggcgcgga gctgggctgc agctctgtca 60
gggccacggg ccactcgggg ggcgggtgca tcagccaggg ccggagctac gacacggatc 120
aaggacgagt gttcgtgaaa gtgaacccca aggcggaggc cagaagaatg tttgaagggtg 180
agatggcaag tttaactgcc atcctgaaaa caaacacggt gaaagtgcc aagcccatca 240
aggttctgga tgccccaggc ggcgggagcg tgctggtgat ggagcacatg gacatgaggc 300
atctgagcag tcatgctgca aagcttggag ccagctggc cgatttacac cttgataaca 360
agaagcttgg agagatgcgc ctgaaggagg cgggcacagt ggggagagga ggtgggcagg 420
aggaacggcc ctttgtggcc cggtttgat ttgacgtggt gacgtgctgt ggatacctcc 480
cccaggtgaa tgactggcag gaggactggg tcgtgttcta tgcccggcag cgcattcagc 540
cccagatgga catggtggag aaggagtctg gggacaggga ggccctccag ctttggctctg 600
ctctgcagtt aaagatccct gacctgttcc gtgacctgga gatcatccca gccttactcc 660
acggggacct ctgggggtgga aacgtagcag aggattcctc tgggcgggtg atttttgacc 720
cagcttcttt ctacggccac tcggaatatg agctggcaat agctggcatg tttgggggct 780
ttagcagctc cttttactcc gcctaccacg gcaaaatccc caaggcccca ggattcgaga 840
agcgccttca gttgtatcag ctcttttact acttgaacca ctggaatcat tttggatcgg 900
ggtacagagg atcctccctg aacatcatga ggaatctggt caagtgagcg ggccttactc 960
tggaaggagg cctcagagggt ttctccacag tcctcttctg ggcaaattct tgtttcttca 1020
catgccggac tagcttaaga ccaatgcagt agcttatttc caagccttgc aaagtatata 1080
atatctaaga ggaaaggttt tgtcatccca gcgttgtcca ctttgtgggg ctttgtagggt 1140
agacggagcc aactacagg cagggtatga gcagagggat gtatggagtg tgggtgactc 1200
tgagcctcac tgctgctgca aggtggggaa actgtaagtg aaccctgtg ggtgcggggg 1260
agggatatccg gtgcgcaggg aggtggccag cggcccggg cactgctgct cataggtacc 1320
tttccgctgc ctctccctg ctctcctgtg caggaatgtc tctgagctgt tcacgttgat 1380
gcttcttggt tggcaagact tgggtgtaga catgaaacca tcttactaaa agcgtcttaa 1440
aatgaccaat tccagaatca agcgtattcc gttttcttcc tgcattgatcc ctgggccctc 1500
ccgcaggctg agcaagtctg taaactgatt ctgggagaaa ccaagctgct ggccgtaggg 1560
tgtccttggg tacatccagg agtccttcat gcttctgtta ttaccccgtc tcctctgcca 1620
ttttctacag cttgctgagt tgtcattcct ttgcaacatt aaaatacatg ctgaactcat 1680
attttctctt ccttcaactgt tgtagtaaag agacatattt catgaatggc attgatgcta 1740
ataaatcctt tgcacaaaaa tttgaataaa cttccagtgg tttcgataat gtaaaaaaaaa 1800
aaaaa 1805

```

```

<210> 8488
<211> 1390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1391)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (927)...(617)
<223> similar to gi2979531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8488
tttttttttt ttctctttgt aagtagtgta ttttaaatag ctttcaagat acacatattt 60
tttccttttaa aaaagtctgt tggagcagtt ttgttcttga attttgctgg tcatcctcat 120
ggtcccagagc cccctactc cgggtcgtgg aggcggccga gggggaggct gggggccac 180
gtggcccgtc ctggcggcac ctgcagcact gggggagccg ctgaaccccg tgcttcagcg 240
ctgggggagc cgctgggccc cgtcttccgc cacaaacat gcatggccgc cacgtgagct 300
caaacgtccg tttatttcaa agcagtaata atttaaatt ataaaaatct ttccaccgct 360
gaacgtttag aggggtgaggt tagacagagg acggggagggc tggggacgcc ccagagggga 420
ccatgtggcc cacgccttcc caagccaggg gcccggtggg ccggggcccg gtctgcccct 480
ggaacaggcg ggacctgcag cgctgaccag ccaagcgtgg cgccgccggg gcacccagtc 540
tgtgggtgcc gtgtggcgct ggctgagggg ggggtgggaaa ggccccgtgc tttcccgacg 600
gccgacgtgg gctcacgagt tgcttgtggc gttctcgttg ctgggcgagc tggaggagga 660
cgatgacgac gaggaggaga agctcacccc agtgaggcca ggggggttcg tggccgtgtt 720
ctgtcccgtg aggtcttttc ggcagacggg gcagctgtcg tgctgctcca gccagggcac 780
gatgcagccg tcgtggaaca ggtggttgca gggcagctgc cgcacacgct caccagcgc 840
gtagtctgcc ttgcacacag ggcactcgag cccggagcct acgtgctcct cagtgcaggg 900
gacggtgggg agggcctgga ttttctcttt atctgccggt ggggggcctg tgttttcaa 960
ctgattgagg agctgtgtga tgatggcatc caggccgttg gccccccagg cgtagtccat 1020
agggtttgag tgcaggactc cccagggggc caggctgggg atggtggcg gcgtgatgat 1080
gccgttgacg agctgctgga tgatcccttc cagcgtgggg acgccttcgt gccggccggt 1140
ggcccnccgc gtggtgaggg gggcgcgggg ctgtcgggcg ccgtaccggg gccgggacgg 1200
atggtctctc tcccgcgggc tctcagggtc cctgccgtcg tcagcctgcg cccagggagg 1260
gaacgtgggg atctcgaagc tgtcctcgaa gatgccgaaa gcaaaactgt cgtagccctg 1320
cggcagcgtg aacagggtgct ggtccatgtg ctccaacggt ggccggctcg aattccaccg 1380
cactggacta 1390

```

```

<210> 8489
<211> 1959
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1926)...(672)
<223> similar to gi4726073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8489
tttttttttt ttgggggtctc agttcactct ttccttgttt attaaatata aacttttctt 60
gcctaattggg ctgaggttca ttttccatt cctcaaggta agggtagact acctaggaac 120
ttattgcatc tttaggccag ctggcttagt gctacccatc tgaacccccca gattactacc 180
caagtcttcc ttttgcccct tcctgcccta acagcaagta ccaggccagt cccttccccca 240
gcaaatgccca ggggcttcat gtgaagagga actggccaca aggctgaggg gaggaggaga 300
aactgtttct gcaggaagga cagcagtgcc tccaggctct tgggcatctt cacatgtttc 360
tagataagga caagctcaac tctggagcct ctggtaggca gaagaaagga ggcagggagt 420
atggcctggg cttcagatac cgctgttctg gatggatcca cagatgacga aggcaagggt 480
cctgggacct ggagtcacac agggccatag ccaagccttt tcactagaag ggcaggcagt 540

```

gcccattcat	cttgtcagag	gcaacctcag	ctgtggaccc	gaatggagtg	agcaaagggg	600
gtccaggcct	ccactctgct	ctagagatgg	cagtgtccag	gctcctgatt	cccaggaagc	660
agggaaagcta	aaggaaacct	ggaaaggcac	tctggagcag	caggatggtc	acaataataa	720
gcccagacaca	cagcaggagc	aggagccaca	caggaacact	ccgccgtgag	ggcaacagat	780
gcagctggca	acgactgtcc	acagccacag	agaacagggc	agtttcatgg	gacccaagga	840
gctctggacc	acgacccttc	tcaggtagaa	aggccacatc	cgtcaccaca	atgccatggg	900
cctccctcac	gtagtagagg	cactggagag	agaaagctat	gtagatggca	acagagccag	960
tgactgtgcc	caggcctagg	aagggtgccg	attcactgac	atcgaggcag	gagacgactt	1020
catggccaca	ggacttggtc	cgaaggggca	agaagttgga	gccatcccag	gctgtgaggt	1080
agcagggagg	gggctggcgc	aggcgcttgt	ggggaatttg	cactgtgaag	agtcgcaggg	1140
cagcaggctg	gtctggaacc	tgcccaaacc	tgcaggcctg	gtagcggtaa	ggtgtgctgg	1200
aaaaggtggg	tccattttct	tgccagtgc	gctgtgtcac	cagctgatcc	ttctgccaca	1260
cagaggcctt	aagggtcccgg	cccacgggta	ccaacttgcc	atcaggccct	aaagccaggt	1320
cttcaatctc	cccttcgtgg	gctttgaact	ccagaacctt	ctccaggctg	ggcaccttcc	1380
agacacggac	gtagccatct	gttcctccag	tggcaagcag	ggtattatcg	tggttgaagc	1440
acacaacttt	ctgcagtggg	tcggagctaa	agtctgtctg	caccgcctgc	aaattctcta	1500
ccctgagttc	tagccccctg	tgctgggttt	ccgctccaca	tttcttctct	gctggggctg	1560
ctcccttct	ttgtcgaggc	ccctgctcct	tggaaaccggc	cttctctgcc	ttgttgccct	1620
gctgttgatg	tgccctggaag	cgcaggagct	gacagtgggc	atcctgccct	gcagcaagga	1680
tgtcaccagc	cagtgcctaag	ttcatggtgg	cccgtgtctc	tgtgtcatgg	gagtgcagca	1740
aggaggcact	caagcgccca	ttaatcagct	ctagctgcag	aaagtgcacg	ccattcttta	1800
tgccctgtctt	ggcggcgcct	cctccgcccg	cagcgatgag	cagcccagtg	ctgggggtcga	1860
cctgaagcgc	gtacaacggg	aacggagcac	ggaacagctc	tggcgcccgg	cgccggccca	1920
tcccgaccgg	cgcgcggtct	cgaattccgc	cgctctctc			1959

<210> 8490

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (138)...(707)

<223> similar to gi4886908 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8490						60
tgtggtggaa	ttcgccaccc	tgccgccttg	ccgccctgcc	gccctgccgc	cctgccgcgg	120
gtggctcgctg	cccgtggtgc	tccgtcgccc	ccgccacctc	acgtcctccc	gtgcgtcggg	180
agcgtctcgg	ctacaacatg	ttgggcatga	tcaagaactc	gctgttcgga	agcgtagaga	240
cgtggccttg	gcaggtccta	agcaaaagggg	acaaggaaga	agttgcctat	gaagaaaggg	300
cctgtgaagg	cggcaaattt	gccacagtag	aagtgcagca	taagcctgtg	gatgaggctc	360
tacgggaagc	aatgcccaag	gtcgcaaagt	atgcgggggg	caccaatgac	aagggaattg	420
ggatggggat	gacagtcctt	atttcctttg	ctgtgttccc	caatgaagat	ggctctctgc	480
agaagaaatt	aaaagtctgg	ttccggattc	caaaccaatt	tcaaagcgac	ccaccagctc	540
ccagtgcaca	aagcggttaag	attgaggaac	gggaaggcat	cactgtctat	tccatgcagt	600
ttggtgggta	tgccaaggaa	gcagactacg	tagcacaagc	cacccgtctg	cgtgctgccc	660
tggagggcac	agccacctac	cgggggggaca	tctacttctg	cacgggttat	gaccctccca	720
tgaagcccta	cggacggcgc	aatgagatct	ggctgttgaa	gacatgagtg	acccactgaa	780
ccaagaactt	actggaagtg	tgcctctgtg	tctccttctc	cgggggtaag	gaggggacag	

tgcttcccaa	gttccagctg	caagtccaac	ttaaccaact	ttccttcaaa	gtcagttact	840
gccaattttc	tgaaaaaagc	atgttccata	tactaagtct	cttttctcac	ggtaggaaat	900
aatacagcca	agatatgcag	catccttctc	attgatgtag	aaaattctgc	gatagaccag	960
aaaaatcctg	gcagcttttc	tccaggcatc	tgggtcacta	aaaactgatt	ttctaaaatt	1020
attggatttg	tattttgtta	ttaaggggga	aaatgtgatt	tgtgcctgat	ctttcatctg	1080
tgattcttat	aagagctttg	tcttcagaaa	aactaaaaat	aaaaggcatt	gacttaaaaa	1140
aaaaa						1145

<210> 8491
 <211> 2018
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1200)...(1349)
 <223> similar to gi4262136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8491						60
gaagctcatg	tatgtttgca	tttcagtgat	tgggttctg	acctgccgcc	acccatcacg	120
gtcagcgtgg	tgcattctac	cgaggaggcg	caggcctgga	ttcttttgag	tggtgctact	180
gcctaggaag	taacacgtgg	agaatttcca	tcttgggacc	atgcacacag	tgcttggggg	240
agtagatttt	gccctaatag	cgatgaagaa	ttttatcagt	cagtggagtt	cctttttcag	300
atcagggatg	ggaaagagcc	aaactgggta	cctcccacgt	gtgccccgtg	aacagccctt	360
tgcagctggg	ctgtggggct	tggtgctgct	cctgtcccat	ctggcagtta	acgccttctc	420
cctgctctgc	cccccaactcc	ccaaaaccag	ttgcagcctc	aaccacacatg	gggatgtaga	480
aagccgtaaa	gtccacgcta	ctgttgaaaa	tgtttacatc	tccgctctca	acctgccttg	540
ggttcgtggt	aaatgggtgt	aaattctgca	aatggagggg	aaaaaaatca	aattctaaat	600
ttcaaagtag	aatttaaagc	aaatttgtaa	aaaaattatc	ctaccacccc	ttttgggtcca	660
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gagattgtgc	cactgcactt	cagcctgggc	gacagagtga	ctctgtcaaa	aaggaaaggg	1080
aaaaaccgga	ccctggagct	ctgtgggccc	tgattgcagg	cccctccctg	tgtgatgagg	1140
gatgagtcag	cttggggagc	cacttgacca	gcctgcatgc	ctgggtcatca	ggaggttgag	1200
aaaagccttg	aaagttgtga	agcactgagc	agatacaagt	gtttgttaat	ttttagaaaa	1260
ttaactttcc	catctggcct	ttatctccaa	agttggtatt	gttgctccac	gcagactgca	1320
gtccggtttc	ttattgtgac	tttgacaatg	caaagtgcac	aataggaaga	ggcctcccca	1380
ccccactatc	ccaccctggg	gaccaattca	gtgtaacat	tgcacgtact	cagtcattgg	1440
tgtctttgga	gtgacatctg	cagccagtta	gtgccacctg	agtacagcac	tcgtactttt	1500
acatgatgtg	tgtgtgagta	gctcttctgt	ccaaaccatg	atthgaggtt	caactacctg	1560
tagatcaaag	ctttatttta	gaacgataaa	ctgatttttt	ccaaatgggg	gaaatcttct	1620
ccccatgact	atgtttttct	aactttgcat	tgaatctatt	tactgggtta	cattctatgt	1680
gtagttggct	ttcttcatth	ttttttcttt	taaaaagctc	atgtcttatt	ccaagcacct	1740
tcctccaaag	tccccataaa	gctgcactct	caacacattg	ttatgcccaa	taaggtttta	1800
tttaacttta	tttaaggatg	attgtgtctt	tgaatgacaa	atgtactgct	gcttctctacc	

tgcaagacgc	acaatgtatg	tttcaagggt	gagcaagtgt	tatttcttaa	atttctcaaa	1860
tgccctgtagt	aactattgtt	tctgcctctc	aattgttgcc	agctctttga	agaaggggag	1920
aattgtgtgt	ttttgtgtgg	ggatgtttct	gatatgctgc	tacagttgca	aaacactgga	1980
gctagagaaa	ataaagtact	gatcttcgaa	aaaaaaaa			2018

<210> 8492
 <211> 1467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (154)...(1129)
 <223> similar to gi3878325 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8492						
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tactgctact	gcgggctctg	cgccctccatc	cacctgctca	aacttttgtg	gagcctcggc	180
aaggggccgg	cgcagacctt	ccggcggccc	gcccgggagc	accctcccgc	gtgcctgagc	240
gaccctctct	tgggcaccca	ctgctacgtg	cggatcaagg	attcaggggt	aagatttcac	300
tatgttgctg	ctggagaaaag	aggcaaacca	cttatgctgc	tgcttcatgg	atttccagaa	360
ttctggtatt	cttggcgtta	ccaactgaga	gaatttaaaa	gtgaatatcg	agttgtagca	420
ctggatttga	gagggttatgg	agaaacagat	gctcccatte	atcgacagaa	ttataaattg	480
gattgtctaa	ttacagatat	aaaggatatt	ttagattctt	tagggatatag	caaagtgtgt	540
cttattggcc	atgactgggg	gggcatgatt	gcttggtctaa	ttgccatctg	ttatcctgaa	600
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ttacgacacc	ctgctcagct	gttgaaatcc	agttattatt	acttcttcca	aataccatgg	720
ttcccagaat	ttatgttctc	aataaatgat	ttcaagggtt	tgaacatct	gtttaccagt	780
cacagcactg	gcattggaag	aaaaggatgc	caattaacaa	cagaggatct	tgaagcttat	840
atztatgtct	tttctcagcc	tggagcatta	agtggcccaa	ttaaccatta	ccgaaatata	900
ttcagctgcc	tgctctctca	acatcacatg	gtgaccactc	caacactact	actgtgggga	960
gagaatgacg	cattcatgga	ggttgagatg	gctgaagtca	caagatttta	tgttaaaaac	1020
tatttcaggc	taactatttt	gtcagaagcc	agtcattggc	ttcagcaaga	ccaacctgac	1080
atagtgaaca	aattgatatg	gacattttcta	aaagaagaaa	caagaaaaaa	agattgactt	1140
ttctttatct	tctatgaagg	gtctgtaatg	aaatctctaa	ataattttta	aaaattgttc	1200
atcaacttct	ttatgtttta	ttagaaaaaa	aactgtttta	atgtgcttta	tcataaataa	1260
atatactgac	aaatggtatt	gaaaaaaatc	tgagatcatg	tgaacatata	atacaatggt	1320
gattttcttc	tggtgtattt	tgacacagaca	agcatctgcc	ttaaaaatata	tacacttgta	1380
caaaaaggaa	gtttggagta	agtgcctcca	ttttggtttc	ttgctcctct	ttactctggt	1440
aacatatggt	gccttttaca	aatgtat				1467

<210> 8493
 <211> 4120
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (252)...(1897)

<223> similar to gi3327192 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8493
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tgagagaccc ggcaatggat cgatcactgc gttccgtgtt cgtggggaac attccatatg 120
aggcaactga ggagcagtta aaggacattt tctcggaggt tggttctgtt gtcagtttcc 180
ggctggtata cgatagagag acgggaaaac ccaagggtta tggcttctgc gaataccaag 240
accaggagac cgcgcttagt gccatgcgga acctcaatgg gcgggagttc agtgggagag 300
cgcttcgggt ggacaatgct gccagtgaag agaataagga ggagttaaag agccttgggc 360
ctgcagcgcc cattattgac tcaccctatg gggatcccat cgatccagaa gatgcccctg 420
aatcgattac cagagcagta gccagtctcc ccccgagca gatgtttgag ctgatgaagc 480
agatgaagct ctgtgtccaa aacagccacc aggaagctcg aaacatgtta cttcaaaatc 540
cacaactggc ttatgcactg ttgcaggcac aagtagtgat gagaatcatg gatccagaga 600
ttgctctgaa aattctgcat cggaagatac atgtcacacc actgatccca ggcaaatctc 660
agtctgtgtc tgtctctggc cctggccctg gccctggccc tgggctctgc ccaggaccta 720
atgttctgct gaaccagcag aatcctccag ctccctcagc tcagcatttg gctagaagac 780
ctgtgaagga cattcctcct ctgatgcaga ctccatccca ggggtggaatt ccagctccag 840
ggccaatacc agctgcagtt cccggagctg gtccctggtt ctttaactct ggaggagcaa 900
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ctggagaagt ggagcccaga ggttatctgg gtccacccca tcagggtccc cccatgcata 1140
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gagatcccag actgctaatt ggagagccca gaggcccat gatagatcaa aggggtctac 1260
ctatggatgg tagaggtggt agagattctc gagcagtgga gactcgtgcc atggaaactg 1320
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gttcaagagg ccctatgact ggtggaattc agggctcctg tcccattaat ataggggcag 1500
gtggccctcc tcagggaccc agacagggtc caggcatttc aggggtgggg aatcctggag 1560
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gagggatgca gggggcaggc atacaaggag tcagtataca aggaggaggt atacaaggag 1680
gaggtataca gggggcaagc aagcaagggt gaagccagcc tagcagtttt agtcttgggc 1740
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cactttaagt tactttaaaa taactctgaa catgattata ttatgocaaa taagattaca 2160
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agatacattt tttggtaaac cttttaaaat acaaaatcct attttggagg caataggata 2400
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agacaggagt	taacttgtat	tagaattgtt	ttttctaaag	ttatgttacc	tgagaaatta	2940
aggactgcac	ctggtttaat	gttgcttcac	ttatccacc	ctacagagac	cagcaaggtt	3000
ctgccaggcc	tcgagcatcc	aagcatgatt	ttgctgtgac	aaatctaaaa	tcaaccaggc	3060
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tctttaaacc	ctaaatctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180
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gtttcactaa	gtaaaaactct	cagtttcttg	gtatctggct	ttcttataca	gatgggtgcc	3300
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ttcttatttc	ataatctact	tttctatcat	taatcatctt	accaggaata	atcaaggccc	3420
aggtaggtag	aagtttttat	atagcctgaa	tactcacttg	acttactgct	cattttactt	3480
tttgcatgga	atacagccat	ttagtcctaa	tatacatacc	aatgagacaa	ttaaaaattg	3540
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ttatcaaata	tcagggtgatc	ttactatgga	gaagaaaaac	caatatctag	ttacagatga	3720
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ctcccctata	ttggagagga	taactcgcgt	ttacatatgt	gatagttatg	cttaatacta	3960
attcacagag	ttggctcgat	cattttgaga	ttctagtgtg	tttatctcaa	agctttcact	4020
gaagggtgtg	aactgaaaat	tattaaatgt	tagtctttag	tcaaactctc	gcattgtttc	4080
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<210> 8494

<211> 1419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1265)...(473)

<223> similar to gi3878848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8494

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acttgaagcc	tggggttttg	tgccctcttt	ttgttttggt	ttttttgaga	cagagtcttg	180
ctctgttgcc	taggctggag	tgtagtgggtg	tgatctcggc	tcattgcaac	ctctgcctcc	240
agggttcaag	tgattctcct	gcctcagcct	cccagtagc	tgggattaca	ggtgtgcacc	300
accacgccag	gctaattttt	gtatttttag	tagagacagg	gtttcaccat	ggtggccagg	360
ctgggtctcca	actcctggcc	tcaagtcata	ctcccgcctt	agcctcccaa	agtgtggaa	420
ttacaggcat	gagccaccac	gcccggccat	cttcttgcca	gcaactctta	gaccaggaag	480
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ggcaccgtct	gcctctgggc	ccgagggaag	agccgcataa	tctcagggtg	gtggctggga	600
tgacacgaact	gggagtttcc	accaaggaga	aagagtgttg	gcccagggta	ggactcctgc	660
ctctgtggga	aagccaagat	cttgtctagg	tgctgggtca	gggcatacaa	gttcaccctc	720
cacacgaagc	gcccgtctac	ctctaccagg	ttagtgagca	ggtgtctgcc	cacggccatg	780

tcctggatga	cagaactgag	ctgttcatcc	gccagtttcc	gggcacggga	gcggggcagc	840
tcctctgcga	tgttgatggc	cctcatggct	gccacgtagg	ttgcaaagtg	ggagacacct	900
gtgctttcca	ctgggctgat	atctacagca	atgagacgtt	ccaccagctc	tggcctctgt	960
agtgccagca	gcattggctgt	ctttctctcc	atgctgtggc	caacgacgac	gcagggcacc	1020
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gggctgtggg	ggctgtcacc	gtggttacga	gcatccaccg	tcagcaccct	acggcctgtc	1140
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gcgaagctag	ggcctgtggg	gccgagtcct	tcacgcggga	gcctccaggc	tcgggtccag	1380
cggagcatgc	ttgcaagctg	ttggccggct	cgcattctca			1419

<210> 8495

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2532)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (104)...(2194)

<223> similar to gi5689776 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8495						
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caacagccgg	ctcaaggcca	agggcgtggg	ccagcacgac	aacgcccaga	actttggtaa	180
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cttattccct	gctgaaccca	gctcactggg	cttcaaggac	ctgggccccca	actccaaaaa	300
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ggatgggatt	tctccaacag	acatctgcca	ggggatcctc	ggggactgct	ggctgctggc	420
tgccatcggc	tcccttacca	cctgccccaa	actgctatac	cgcgtggtgc	ccagaggaca	480
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tgggtcctat	gaagcattgt	cagggggcag	taccatggag	ggccttgagg	acttcacagg	720
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gaaggccgtg	gagcgatcct	ccctcatggg	tgctccatt	gaagtcacca	gtgatagtga	840
actggaatcc	atgactgaca	agatgctggg	gagagggcac	gcttactctg	tgactggcct	900
tcaggatgtc	cactacagag	gcaaaatgga	aacactgatt	cgggtccgga	atccctgggg	960
ccgatttgag	tgggaatggag	cttggaagtga	cagtgccagg	gagtgggaag	aggtggcctc	1020
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agatttcctg	aacaacttca	cgctcctgga	gatctgcaac	ctcacgcctg	atacactctc	1140
tggggactac	aagagctact	ggcacaccac	cttctacgag	ggcagctggc	gcacaggcag	1200
ctccgcaggg	ggctgcagga	accaccctgg	cacgttctgg	accaaccccc	agtttaagat	1260

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gcagaccatt	ggctttgtcc	tctacgcggt	cccaaaagag	tttcagaaca	ttcaggatgt	1440
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caactcacgg	gaggtgagca	gccaaactccg	gctgcctccg	ggggaatata	tcattattcc	1560
ctccaccttt	gagccacaca	gagatgctga	cttcctgctt	cgggtcttca	ccgagaagca	1620
cagcgagtca	tgggaatttg	atgaagtcaa	ctatgctgag	caactccaag	aggaaaaggt	1680
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caaggagata	ggggtgtatg	agctccagag	gctgctcaac	aggatggcca	tcaaattcaa	1800
aagcttcaag	accaagggct	ttggcctgga	tgcttgccgc	tgcagatca	acctcatgga	1860
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gaaatggatg	gacatcttca	gagagtgtga	ccaggaccat	tcaggcacct	tgaactccta	1980
tgagatgcgc	ctggttattg	agaaagcagg	catcaagctg	aacaacaagg	taatgcaggt	2040
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tttctgagg	ctaaaagacca	tgttcacatt	ctttctaacc	atggacccca	agaatactgg	2160
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aggttctagc	ccaggagggg	gggggtgctt	ttgtagccct	cagctctcca	gtctctgctg	2460
atgaaatggg	ctccaagtgg	cagtgcctcg	gtcccagggtg	ccnggttact	gcagcagtgg	2520
gaccttctg	c					2531

<210> 8496
 <211> 2103
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2104)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1541)...(1802)
 <223> similar to gi248490 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8496					
tttttttcaa	tgtgaaaaca	cttggagat	ggtttaata	tgttttaca	cagaaatgaa	60
ctgtacagtt	acagtaagtt	taatatatat	ataaaaaatt	acagcagaca	aatgcatcta	120
cacaaaatct	accacttcat	tctgattcac	tgtcacctac	acaatctttc	ccaagcctac	180
agcccttgca	ggcagcccta	ggagggggaa	tcattctaaag	ggcacttttg	agagagacag	240
caccgctcat	attccccgcc	acctcctcag	gcttcaggag	gcatcagcta	attccccaaa	300
atgtaaagtt	gcctgtgttt	caggttttca	aaaccaagaa	aacgtgtgtc	tcccaggggc	360
acagataaca	aggtccagca	cgcaagttat	cagctgattc	ttagaaaata	ttcctatcag	420
aggggaaata	tttggtctaac	aggcactctg	gggcagtaag	gctacacaat	agccaccag	480
agtgacagag	tatctaagag	aaatgtagaa	ggactcccaa	taaaccacct	cagaattgtc	540
actgcctcat	tcaagctgct	ggacaatttt	ggaaagaatc	atttacacca	catcttaagt	600

ttccacaaag	aagaactcaa	actcacat	ttt	aaaacaaaa	gttctaggag	660
gccgggggcc	aattcccctt	gtgcccctcc	tttgacaaca	gtggacaaac	acccctgaat	720
taataattaa	gacaaaaaag	gaagaaaaaa	aaagtgaagt	aagatattga	aagagagaaa	780
gaaaacatct	ttagaaaaac	acgatcactg	tctctttaa	agaaaaacaa	atcccagttg	840
ggaacagtaa	tgaggaatat	gcaatctaaa	ttgacacctg	gtgggagatt	attattgaat	900
attatgtaca	ctcagaactt	ttttcatttt	cttttttatt	atgaacacct	aggcagtgaa	960
aactgttatg	ttaatacata	catagacaca	cccaaaacat	acaaaaatac	tattatttca	1020
aactactaag	aataggacag	ttcaattatt	ttcatgctat	gactttaaga	gcattacact	1080
gaaacaaaca	agaagttaaa	cgacattttt	tttaatatcc	cagaaatata	ccaaaatata	1140
catctaagct	ttggaattac	tgagggttaga	ctaatagcaag	tgctgggtaa	tcgtacttaa	1200
tacacgagtc	taagggttctg	caggaaagaa	attatctttg	gtatctgcat	caggctaata	1260
ttattaacat	ttggattttg	ctttgggata	gagcttggtg	gacccaagaa	ccaagtaccc	1320
ccctcccca	accaactgag	attaaaaaga	tccatgtaaa	aagttccttc	atttgcaatc	1380
ccccacccc	ccaagttaaa	aagtcacagg	catctaccta	gcacaaaagg	ttgtgaagta	1440
caatgcatag	ttgcacagtg	gtgctgcaaa	aaggaaagaa	aactacaata	aagagaaatg	1500
aaaagcttga	taatctttct	gcatgttttc	tcacaaacag	gacagccact	tccaagcagt	1560
tccagtacag	gaaaagaaaa	aaaggctcag	aagggcaccg	tggtgctgcat	tcgcccagcc	1620
ccagagggtta	aagcaccag	cagagcagcc	aatcgtgcgc	cagtgtcttc	aacgtccccc	1680
actctgtgga	gtcctcgggc	cagtccagca	gcagctccca	ccctccctag	gccctgtgct	1740
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acttttgttt	tgaaaaatct	gaaatgccaa	tttgtttcag	ggcatgctca	caagtttgtg	1860
agggccaaag	ctaggggcat	gcacctgtgc	tggaacctgg	aaggtggtaa	gcagcttgcc	1920
tgccctttct	gatccagtca	gagggtcccc	ccgccccacc	ttccctggcc	tcactctttt	1980
aagtgccagg	acaccacaga	ctggactgat	gctgaagact	tcccttttct	taagtttgta	2040
aaaaagttgt	gagtaaaata	caatcattaa	gaaatctttg	gtttcgggta	gntctctcgc	2100
aat						2103

<210> 8497

<211> 2040

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (956)...(1502)

<223> similar to gi4884453 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8497						60
atgtctctca	tccccttggt	tccatgacgg	cacgtgcgtc	cttgacaagg	ctggatctta	120
caagtgtgcc	tgcttggcag	gctatactgg	gcagcgctgt	gaaaatcttc	tggaggctgg	180
gaagtccaag	atcaaggcgt	cagaagattc	attgtctgtc	cttgaagaaa	gaaactgtc	240
agacctggg	ggcccagtc	atgggtacca	gaaaataaca	gggggccctg	ggcttatcaa	300
cggacgccat	gctaaaattg	gcaccgtggt	gtctttcttt	tgtaacaact	cctatgttct	360
tagtggcaat	gagaaaagaa	cttgccagca	gaatggagag	tggtcagggg	aacagcccat	420
ctgcataaaa	gcctgccgag	aaccaaagat	ttcagacctg	gtgagaagga	gagttcttcc	480
gatgcagggt	cagtcagggt	agacaccatt	acaccagcta	tactcagcgg	ccttcagcaa	540
gcagaaactg	cagagtggcc	ctaccaagaa	gccagccctt	ccctttggag	atctgcccac	600
gggataccaa	catctgcata	cccagctcca	gtatgagtgc	atctcaccct	tctaccgccc	660
cctgggcagc	agcaggagga	catgtctgag	gactgggaag	tgagtggggc	gggcaccatc	

ctgcatccct	atctgcggga	aaattgagaa	catcactgct	ccaaagaccc	aaggggttgcg	720
ctggccgtgg	caggcagcca	tctacaggag	gaccagcggg	gtgcatgacg	gcagcctaca	780
caagggagcg	tggttcctag	tctgcagcgg	tgccctgggtg	aatgagcgca	ctgtggtgggt	840
ggctgcccac	tgtgttactg	acctggggaa	ggtcaccatg	atcaagacag	cagacctgaa	900
agttgttttg	gggaaattct	accgggatga	tgaccgggat	gagaagacca	tccagagcct	960
acagatttct	gctatcattc	tgcattccaa	ctatgacccc	atcctgcttg	atgctgacat	1020
cgccatcctg	aagctcctag	acaaggcccg	tatcagcacc	cgagtccagc	ccatctgcct	1080
cgctgccagt	cgggatctca	gcacttcctt	ccaggagtcc	cacatcactg	tggctggctg	1140
gaatgtcctg	gcagacgtga	ggagccctgg	cttcaagaac	gacacactgc	gctctgggggt	1200
ggtcagtgtg	gtggactcgc	tgctgtgtga	ggagcagcat	gaggaccatg	gcattcccagt	1260
gagtgtcact	gataacatgt	tctgtgccag	ctgggaaccc	actgcccctt	ctgatattctg	1320
cactgcagag	acaggaggca	tgcgggctgt	gtccttcccc	ggacgagcat	ctcctgagcc	1380
acgtggcat	ctgatgggac	tggtcagctg	gagctatgat	aaaacatgca	gccacaggct	1440
ctccactgcc	ttcaccaagg	tgctgccttt	taaagactgg	attgaaagaa	atatgaaatg	1500
aaccatgtct	atgcactcct	tgagaagtgt	ttctgtatat	ccgtctgtac	gtgtgtcatt	1560
gcgtgaagca	gtgtgggcct	gaagtgtgat	ttggcctgtg	aacttggtctg	tgccagggtct	1620
tctgacttca	gggacaaaac	tcagtgaagg	gtgagtagac	ctccattgct	ggtaggctga	1680
tgcgcgtcc	actactagga	cagccaattg	gaagatgcc	gggcttgcaa	gaagtaagtt	1740
tcttcaaaga	agaccatata	caaaacctct	ccactccact	gacctgggtgg	tcttcccca	1800
ctttcagtta	tacgaatgcc	atcagcttga	ccagggaaga	tctgggcttc	atgaggcccc	1860
ttttgaggct	ctcaagttct	agagagctgc	ctgtgggaca	gcccaggggca	gcagagctgg	1920
gatgtggtgc	atgcctttgt	gtacatggcc	acagtacagt	ctggtccttt	tccttcccca	1980
tctctgttac	acattttaat	aaaataaggg	ttggcttctg	aactacaaaa	aaaaaaaaaa	2040

<210> 8498

<211> 1664

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1386)...(142)

<223> similar to gi5052349 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8498

ttctgtgaat	taaattaaaa	gtttatcatt	ccgtacaaac	gcactcattt	tcaacaaaca	60
agtttttttac	acgagccgcg	gttggccccg	gttgggtggca	cgtggggagc	ggccccgcgg	120
cggcggttctc	gcgggcgggg	tcacagcggc	tccaggtcct	cgtccccgca	tgcgtactcg	180
tacaggtcca	cggcgccccag	cgggtgagggc	gcctcgaaga	agggcctctg	ggccagcggg	240
gagcgcagcg	cactcagctt	ctgctccacg	gggctgagct	cggcctcgaa	cccgtcctcc	300
cagggtctctc	ccgcgggtctc	ctcggccacc	aggatgtcgt	actcctcggc	cgcgtacttc	360
tcccagtcctg	agagctcggg	gccgcgcgtg	tcaccgtccc	tgagcagggg	gatctgctct	420
ttctgtcgt	ggtcgaggta	cttctcgatg	ttgaagaagg	tgtcgaagaa	gacgttggcc	480
agcttgccagc	gcttcaggtc	ctgcagcgtg	atcttccctt	cagtcctcgg	cttgaccagg	540
tccagcatct	ggcagaggca	gtcctggaag	ggcagggcct	cgatggccat	gctgtccagc	600
cttcggcact	gctcctcgta	gaagtactcg	agctcgaaca	tggacagggc	gccgtccccg	660
tccaggtcca	tgcagcggaa	ccagtactcg	atgctggctg	gtgttttttt	gtcttctcca	720
gagatcaaaa	accagacaaa	gtcggcatag	ctgatcttcc	cttccttctg	cactttttctg	780
cctcgtgtga	ctgctcctga	gaagatcctg	tctatcatct	tggtagaaag	ggcgtgggtca	840

ttgtgccg	ccaggtcg	cgcgtcgat	agcaggtcgt	ggtccgtgtc	cagctcccag	900
aacttgcagt	agatgacgta	gaaatgctcg	tacgagaaga	attcggtcag	ctggttgatg	960
tccgcctcct	cctccagcag	cgccacattc	tgcaggaagg	agctcctccg	cagctcggcg	1020
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gtgatgtagc	gcgagtggaa	ctcggacgcc	tccttcagga	acgacagccc	cgggtgctg	1140
ttcaccacgt	cctgcaagaa	ggggacaaag	tcctcctgca	ccaggtagtt	gcagccgggg	1200
ctcatgagca	gatggacgaa	cttggccgcg	tcgtcgtggc	agttctggag	gatttttctc	1260
cacatggcga	cgaacttgtg	gacggacacg	gagcccgtgc	gctccccgcc	ggcgccatag	1320
aagagcggcc	ccttccagta	gagggggcag	ccgcaggcct	tggccaccag	gcccattgtc	1380
tccatgggtg	ccctctcgtg	ggggaaccgg	gcgaaggtgc	tctcgatctt	gctgatgacg	1440
gcatccacgt	tgacggagtc	ctgcgggcgt	cctctagggg	agtagaaggt	cggaatgctt	1500
tggctcgtgg	ccggggggcag	aggctcttct	ttccgtgtct	gaacctgctg	gaaggccttc	1560
agacgcttct	tgactcgaga	gggcagcacg	aagtcgcagc	cgcggggccag	tgagaccagc	1620
tcctggcgca	ggtcgggggc	ctggcgcgag	gagcgctcgc	ggag		1664

<210> 8499

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (864)...(362)

<223> similar to gi4768844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8499

tttttttttt	ttgcccggca	agaaatcatg	tttattcaca	ttccccaccc	caccacctga	60
gagtcacttt	cactccaagc	cctgggcctg	acgggagggg	gccaaagagg	ggggctgcct	120
aaggcagggc	ccagacccca	cagtgtgggc	ctctggagct	gtgtctttac	tcttgctgcc	180
gatcaatccc	atgctctgaa	atgcgcacac	tctggctcct	tagtagatgc	cataggtggg	240
ctcatgactg	tccctgtacc	ggtccaggta	gcgcaggggc	tgccgggtggg	ggaagcgctt	300
ctgcttgggg	tggtaaaggg	gcggccgcac	gaactcaaac	accggctccc	gcatgtccag	360
aagctggtgg	aagatgtagg	tgacggagtc	atcccagcgg	cactggaaga	aggacaagcc	420
ggctggagtc	atggtttctt	ggtgtttctt	gtagaaatca	aaagtgcgga	aggctccgtg	480
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gtagggacac	gtcacctgtc	cttcagccac	ccggttacct	gggatgttgg	ttagcagcca	660
gtggaggtac	tcagcatctg	gctccagcag	gtgcccacct	aagctagtga	gtagcaacgt	720
ccacaaggag	ccctcttctg	cctcataggt	cacctctggc	gcttgggcag	cctcggttgg	780
agtcacctca	ttgccacagt	acacaggcat	caggtcatcc	tcacccacag	cgtaggccac	840
gtgcaggggg	actcggggca	caaagggtgg	accgtggaac	aggtctcggt	agaggccgta	900
atactcagcc	agacgctgct	tgtggtaggg	gccacaggtc	ctctcccact	cggcccgcac	960
ggcatccagc	gggacactgg	ctgtgcggag	gcgggcagcc	cgctcctctt	ccacattggc	1020
ccgaagctcc	tggatggcct	gtttccgttc	cagtagctgt	tgggtccggg	agactttggg	1080
tggaggcagc	ccaatatcaa	tcttctcttt	gggatctgtc	ttctccccga	aatactctcg	1140
gtaggtcgcg	caccagtgcg	gggcctgcgc	ctcctgctct	gcccggcgcc	ggtagcggtc	1200
gaagctccgg	tacttctcca	gccgctccag	gttgcctcaag	tcgatgtcac	tgttgggcat	1260
cggccccagc	gggggtgtcc	ggcgggccag	gacggccgag	gtgctgaagc	cccgccatct	1320
ccgacactcg	cacagcgcg	ctcgccacca	gggcgcgcgc	atcttccttc	cggcctgcgg	1380

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<210> 8500
<211> 2196
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(435)
<223> similar to gi6006684 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8500
agcctcccaa gatggcgggtg tgcacgcggtg tgattgccaa ggagaattac cccctctaca      60
ttcgcagcac ccctacggag aacgagctga agttccacta catggtgcac acatctctgg      120
acgtgggtgga tgagaagatc tccgcaatgg ggaaggccct ggtcgaccag agggagctgt      180
acctgggcct gctctacccc acggaggact acaagggtata cggctacgtc accaactcca      240
aggtgaagtt tgtcatgggtg gtagattcct ccaacacagc ccttcgagac aacgaaattc      300
gcagcatgtt ccggaagcta cacaactcct acacagacgt gatgtgcaac cccttctaca      360
acccggggga ccgcacccag tccagcaggg cctttgataa catggtgacg tcgatgatga      420
tacaggtgtg ctgagtgagc tgtgctgcca gccatcgagc aggagcccgc gcacgactgt      480
ggtggggccg tcggtctgtt ctgggtgcct cttcctgaat gggacgcctg gggctttcag      540
ggcaggcagc tgtgcatgtt ctctcaacta aaggtcttgt gagaggagat ttggcttttt      600
ccttccgtgt cagccaagga tttaattaag aagaattcaa ctaaggactt ttctgggggtg      660
tgggcagagg tttgggatca gatggcgcag gtagcctgtc ctcatgtgtc ccaaaggggc      720
agaggcaggg gtgcctggag ccaagagttc ctgagcctgc aggacctgtg accatgtggg      780
tcacccactg gctgaacagg tgggctgggtc tggaggggggt ggccctcctga gcccagaacc      840
agcctaggat ctaggggcac aaggggagcc ggcgtggcct cccacagggg agggccctcc      900
tctttctgga cttggcctcc attctttgca tctggctcaa tggctggatt ccgcccggcc      960
ttaaaggag cccttgtaga acctgggaag cctcgtggcc ccgcggcgtt ggctcagctg      1020
cagccctggt cctaaacctt ggagcgcaga cttgaggcac cccctcctgc ctggttggtg      1080
tgaggggggt ggggtgctgtg tcaattgatg acgtggctga ctaccacca gggcagcggc      1140
cgagcccata gtggcgtagc tgccgcgggc gtccttgggg tccagcggtc aaggctcagc      1200
ccgctgaggg gacccccccg gaggttggtc cagcactggg ccaggactgg agagtttctc      1260
aaggaccttg aggaccccag aagcccttgc agcaggaaaag gctgtaaggg ggggtcagcc      1320
tagggcagga cctagggagg ggaactttct tgatacgtat ttgccttttc atcccatcta      1380
gcaagcacag tgttaatttt agaaattata gaagaaaaaa tcagcaagga gtgtgggaaa      1440
actgcatgcc ccaggcctcc cccgccccag ggtgaattgg aagccctgga atgggcccag      1500
gcacaccagg cagctgatct ggggtgcatgt gggccacaga ccactctcac aaggttaaat      1560
ctttaacaag agcctcatgt ttgttaggag aaggtgggac cccagcccaa gcacttcccc      1620
attgcagcct ggcataaaat ctttgccttt tagtggggat cactcctgcc cgagtctctg      1680
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agaaccccg tgcctctgcc ccagttccaa tagcgggcag acgagagcca tgcctgggc      1800
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gcagggaagc tcctgtgaag gggactcagc tgccacatgc aggacccttc ccctttgcct      1920
tcttctgcc tggaacatgg atgtgatggc tgggtgctggg acagctgtcc tgagagcgtg      1980
aggaaagggc cacaccctaa ggacagtggg gcagaacaca ggaaggaccc tgggcctttg      2040
ctgacgcaga acgcgggaag gacgctgggc ctttgcctgac gcagaacgcg ggaaggaccc      2100
tgggcctttg ctgacatacc agccccagac tacttaaatt cagctttttt ttaatgtgag      2160

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aaaataaatg caccctctc tggtttaaaa aaaaaa

2196

<210> 8501
<211> 3039
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (725)...(3005)
<223> similar to gi604908 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8501
tttttttttt ttgagacgag gtggaggggc ggggggttctc gctatcttgc tcaagctgat 60
ctcgaactcc tgggttcgat caatactcag acaatcttgg caggcgcagg aggaccaaatt 120
tctagtgaat gagatcgagt ctctcggctc tttcccttcc atgttttctt tttgattggc 180
cctcgacgat cctcagtgac gcctcccgca ccgcctcacc cgagagtcag ccgcccctgc 240
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gaagtgaaga gggggctggg ggtcgcgctc gctagcgggc gcgggggggtc ttgaagatgg 480
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cctggcccag cgcgtgtgca tccagcgcaa gcccctcaga ttctgtgctg aacgcctccg 1860
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actgtccccg ctggacatct accccaagat cctggacttc caccgcgtca ccatggcaac 2160

cttcaccatg	acgctggcac	gggtctgcct	ctgccctatg	atcatcggcc	gtggcaatga	2220
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tgggaacctc	ctgctggaga	tgtccgctgt	gggccctgat	ggcatcgtgg	ccttcttcac	2340
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cctcacagat	gccaacctca	acctgaccgt	ggacgagggt	gtccagggtg	ccaagtactt	2880
cctgcggcag	atggcacagc	ccttccaccg	ggaggatcag	ctgggcctgt	ccctgctcag	2940
cctggagcag	ctagaatcag	aggagacgct	gaagaggata	gagcagattg	ctcagcagct	3000
ctgagtgggg	cgggtggggc	cataaacggt	tcctggtga			3039

<210> 8502

<211> 2181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2092)...(1477)

<223> similar to gi5102729 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8502

cagggccctg	agcgggtgat	ccctgggctg	gacaccaagg	ttgagaagtt	aggccggcag	60
cgtggagggg	ccagcactgt	gggggggtgg	ccggtgtggg	gagggaaacat	gggggttttg	120
gacggtcaca	ccacttcata	tagacaccac	agccaggcac	atctgtcagg	cttagttctc	180
ccatgcgcca	tcctcaagag	gcaccagcac	tttatctggt	gagcctttat	gtggcaccaa	240
ctgtgtgcac	tattaccggg	ttttacagat	gatggaggcc	cagaagcagg	aggtggctgg	300
tggttaggtca	cacagctagg	aggcagcaga	acggtggggc	gctgcctgtg	ctcttaaccc	360
ccaggccaag	tcaccccatc	aggcagtcag	gagggctggc	ggcagggggg	gatgtgggtg	420
ggaggtagtg	ccttcttggc	attctcaccg	cagcctgggt	gccgggtgcc	actctgacct	480
cagccatggc	agggtcgggg	gatgccgatg	ggcgtgcac	gggctctcag	aggccctca	540
cctatggcca	tggccttgac	tgtggggggc	tctgtccacc	gatgatctcc	cttcaccccc	600
tacaggtggg	gcgggtccagg	gtgggtgggg	cacagtggcc	ccgggcagtg	accacagggg	660
cctgacccgc	ggcccccgca	ggcgggctgc	atgctgttcc	cccacatctc	cccctgtgag	720
gtgcgcgtgc	tcattgtcct	gtactcgtcc	aagaagaaga	tcttcatggg	cctcatcccc	780
tacgaccaga	gcggtctcgt	cagtgccatc	cgcagggtca	tcaccacccg	caagcaggtg	840
tgccagccaa	gcacagcccc	tctggggaca	gagggggatt	agacccccact	gccctgggtg	900
ggcagccaga	cttgggtgtg	gcggagtgtg	atgcgatggc	tggagcaagg	agctgcaggg	960
gagcccggag	gatgcggggc	gggttcccac	ccagggtccc	atggaaaagc	ggccactggg	1020
cggctctgca	gggcaggagg	gtgggtcttg	gcgcggcggc	agggaagcca	gcggagcggg	1080
gagctgggca	ggggttggga	ttgtcctgcg	gctggaaggc	cctgcctggt	aacctgtgtg	1140
cctggtcatg	ccttgccagt	tgaggcagac	tctgcaggtc	ctgtgcacca	ggtgagggcc	1200
gggacctgtc	tcaggccact	ggggagccat	ggggggctgt	gagcagatga	ggggcagggc	1260
ctgttcccct	gggactagag	aatggaccca	gctgggggcta	acaggccaag	gctcggaggg	1320

agggatggca	ggccccagga	cagacagaca	ggtttcccag	gagcctgggc	ccctcttccc	1380
accccgttcc	cttccaacag	gcagtgggac	ctgggtggtgt	caactcaggc	ccagtccaga	1440
tcgtcaacaa	caagtttctg	gcatggagtg	gtgtcatgga	gtggcaggag	gtgagcactc	1500
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gagcccaaca	gtcgggtcaa	gaggtggctg	ccatcccacg	tctacgtgaa	ccagggggag	1680
atcctgtgag	tgctgggctg	gggggtggag	gcagcatcca	ggggagctgg	ggcttcctga	1740
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gctcatcccg	cagcagctgc	tggtgagggg	ctggggcccg	gtgctggagc	ctgcacgcag	1860
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cttcaagggg	ttccaggcag	ccagctgggt	gctgtgcagg	gactgagcgg	ggcaggggca	2040
gccacgacct	gcacctgggg	ggctgccaag	ggatctgaga	gcggcttcca	cagcactcca	2100
gggttgggct	ggttgagcgg	tggagatgac	gtttcctgag	gtagggagga	caggggagtc	2160
tcagtttggt	cctgggcccc	g				2181

<210> 8503

<211> 2242

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1544)...(1261)

<223> similar to gi3880445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8503						
tttttttttt	ttaaaagaaa	aaatttcact	ttaatccagc	ctcaccccca	catgtgtgtt	60
tcacacagac	cttatttttt	aaacagagtt	tattgtattt	aatacattat	aaaatttgaa	120
aaattgtagg	aaagcagcag	acttgaactg	gagcaattct	aacaaggaat	aattctggcc	180
ccttggaaca	actgatcagt	tttaaaacaa	agtaaagttc	acatctgtga	ggtggacaaa	240
aaagtgtgac	ttctgtacaa	actacattta	aaatttcatg	tctaacatct	ttgcaatgtg	300
ctcatgaggg	tttttctgaa	gtcctgcctg	gtccctgcct	aaagaaagac	gtggaacctc	360
catatacaaa	caaacttgat	tcaaggtgtt	ttgtttgttt	tgttttttta	aaaaaaaagg	420
aaaaagaaa	acaaaggaaa	aaagaaatat	ggatggctgt	tgttggcaat	ggaaactgta	480
aggagactgg	tgctctcacc	actcatggct	tgtttatattg	tcagaggcct	cgggaggccc	540
aggacacttc	acggccatca	cagcaccaac	tgcgctgtgc	cccttttttt	tttttctttt	600
ttgcatttcc	taccttttga	catatatata	tatatattata	tattttttac	accttgagga	660
tatcactatt	ccaattgttc	ccatatgaat	acaggtgtgg	tctctattgg	atataaatgt	720
gtcttttatt	cgattttacg	tccaggactt	ggtttgctgt	cccaactgca	cataaatgtc	780
ccttttttgt	ttgagttatt	ggttgtgtgt	gttttccttt	ttgcataaga	aatatgtcca	840
tttagtccag	aggctcttgc	tttatccgga	tgacggaggg	tacacggggc	gtccgcctca	900
gttccccggc	aaggacgtat	tcgctgaact	gggacgagtc	tactcctccc	ccacaggagc	960
ccacgatttc	aaatcctctt	tgctgcaacc	tctcgaggac	ctggactgag	ttgaggtgac	1020
agtagccatt	tagtggaaac	ctgatgacgt	gcgtcgagtc	gtgattccag	cctgcattga	1080
cagagttaca	catcacgtcg	ccgatctctg	gaaatacttc	ttctatcaag	gatttgtcac	1140
cgcttagcgt	gatcctttct	ccgaggtctg	gggccacacg	cacgacgagg	cactcacagg	1200
gccttgaaaa	tcgaccagtt	tctctgtcct	gttccatctc	ttccatctcc	aacaacatgg	1260
gctgaagctg	aaaatatattt	gcctcttcat	ataacaaagt	gtagtccttg	aatcatcag	1320

gaatgaggag	tttggatggt	cgtagaaaat	tcaagatata	tctgaacatc	tgtccatctc	1380
tgtcaatgaa	atagtgtgt	ttgagactgt	ccaaaacaat	gggctctgta	ccatcaaaaa	1440
gtcttccgat	tctggattca	gggtatttgg	tgaggggtggc	caggctgctg	gtgtacatgt	1500
ggccgcccac	atcaatgtgg	acaggcgcac	tggattttgt	gagttgtgct	ggagtaggga	1560
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tcacgtcggg	cccgcactgg	ctgtctttgg	ggaggatgaa	aatcgcttga	acctgggagg	1920
cgaagtttgc	aatgagccga	gattgcgcca	ctgcactcca	gcctgggcaa	caagagagaa	1980
actccgtctc	aaaaatgaaa	ataaaataaa	taaaaatgaa	acagcctttt	aagaatgcaa	2040
ttattaggca	acgtcttcaa	aagccatgaa	aatgttcata	tgctttgatg	cacaaattgc	2100
ttctagaagt	tcatcttagg	aaatatcctg	ctttacttgt	agtttggtta	agtttggttt	2160
attgcatcca	ggccacttgg	acaaatgaat	tttgtggtat	atgtcacaaa	ctatgctgta	2220
gaactgcatt	ttatactgtc	tt				2242

<210> 8504

<211> 1034

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (907)...(182)

<223> similar to gi3805976 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8504						
tttttttttt	ttaaatat	taaaattttc	ttttatttcag	aactgccttt	atgtacagac	60
atcattttaa	aaatgcacat	acaatggaga	ttttccaagg	aacaggagct	ggaaataaaa	120
tttaaggaca	ttattagaac	tgaattgtc	ccagagaagt	tctgaggatc	aggattcctt	180
aaatgtcctt	gataacctct	tcaagttctt	cctttgtgaa	catgtggaaa	ttctggccag	240
gctgcactgt	ggctagctca	atgtttgttg	cattcagctt	ctcctccatt	acttgtttga	300
ggatgatgag	tgaagacttg	atggcttctt	tcaaagtcac	agacttgtgg	taaacttctt	360
gcaaggagct	ctgggcaccc	tctgaagcag	agccaattgc	tcgagcatca	cactgtacaa	420
aggtcccaga	tgggtccata	tgaacagct	gggttccttt	ctcatcaact	cctccaaata	480
ataatgctac	tccaaaggga	cgagacatgg	cacctggatc	tgcatcttct	tctccaaact	540
gcaaagccag	attggacaca	gcttgggtca	cactctccac	tgctattgtc	tcattgtagg	600
tgaaccagtg	gttctgtgtc	tccactctgg	ctttatcaat	taaagtctta	gcacagcaa	660
ttagcccaact	catggcaca	cctatgtgag	catcaatctc	tacaattttc	tcaatgctgc	720
tgggtcccat	cagtggggaa	gtaattctct	tctccacagc	taggcacaca	ccctctgatg	780
tctggatccc	aatggctgta	gaaccaagct	tgatagcctc	aatggcatat	tccacttgaa	840
ataatcttcc	ttcgggagaa	aaagtattca	cgcccctgtc	gtactcagac	cgggtaagaa	900
acatggcgag	ggtaggagga	ggcagcggt	acgcggggat	tctgaggacc	aacacgactc	960
caccggcacc	caactcaccg	gcagccaact	caccacacg	gccgcgaatt	ccaccacgct	1020
ggactagagg	tcgt					1034

<210> 8505
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (104)...(1325)
 <223> similar to gi4803735 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8505
cggccctccc atgtgcagcc cggccagccg ggctctcctc ctgcgcgcgc atgggtgacc      60
ttttcctggc acgggcaggg tgtgggaggg agcggagcag gcgatgaaga agaagcagca      120
gcatcccgcc ggccgcgcgc atccctggcc ccatggggcc cctatggggg gcgcccctcc      180
gggcctgggc agctggaagc gtcgggtgcc cctgctgcct ttcctgcgct tctccctccg      240
ggactacggc ttctgcatgg ccaccctgct ggtcttctgc ctgggctccc tcctctatca      300
gctcagcggg ggacccctc gcttcctgct cgacctgcgg cagtacttgg gaaattccac      360
ttacttggat gaccatggac cacctcctag taaggctacta cctttcccaa gccagggtgt      420
gtacaacagg gtaggcaagt gtgggagccg tactgtggtc ttgcttctga gaatcttgct      480
ggagaagcac ggatttaatt tggtcacatc agacattcac aacaaaacca ggcttactaa      540
aaatgaacaa atggaactga ttaaaaatat aagtactgcc gaacaaccct atttattcac      600
tcgacatgtt catttctcct acttctcaag gtttgaggga gaccagcctg tctacatcaa      660
catcattaga gaccccgctc accggttctt atccaactat tttttccgct gctttggaga      720
ctggagaggg gaacaaaatc acatgatccg cacccccagc atgaggcagg aggagcgcta      780
cctggatata aatgagtgtt ttcttgaaaa ctatcccgag tgctccaacc ccagggttatt      840
ttacatcatt ccgtactttt gtggacagca tcccagatgc agggagcctg gtgaatgggc      900
ccttgagaga gcaaagctga acgtgaatga aaacttcctg ctctggggga ttcttgaaga      960
gttggaagat gtgctgctgt tactggaaag atttttacct cattacttca agggcggtgt      1020
cagtatctac aaagaccagc agcacaggaa gcttggaaac atgactgtga cgggtgaagaa      1080
gactgtcccc tctcctgagg ctgtgcagat cctctaccag cggatgagat acgagtacga      1140
gttttaccac tacgtcaaag agcagttcca cctgctgaag cgcaagtttg gacttaagtc      1200
tcacgtcagc aagccccccc tgaggccaca cttctttatc ccaactccac tggaaaccga      1260
ggagccaatc gacgatgaag aacaggatga tgaaaagtgg ctggaagata tttataagag      1320
gtgatgtgac tgtgttgccct ctatggcttt atctcccttt tccagaaagt tctttgtttg      1380
gggaagtaaa atccttaagg gactaaatta atgcttgggt gcattaaaaa gaacaaaaca      1440
ttcccacatg ttggggtc

```

<210> 8506
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (94)...(373)
 <223> similar to gi2296344 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8506
agcccagcgt ggtggaattc gcagcaaaga gtagtcagtc ccttcttggc tctgctgaca      60
ctcgagccca cattccatca cctgctccca atcatgcagg tctccactgc tgcccttgcc      120
gtcctcctct gcaccatggc tctctgcaac caggtcctct ctgcaccact tgctgctgac      180
acgccgaccg cctgctgctt cagctacacc tcccgcagaga ttccacagaa tttcatagct      240
gactactttg agacgagcag ccagtgtccc aagcccagtg tcatcttcct aaccaagaga      300
ggccggcagg tctgtgctga ccccagtgag gagtgggtcc agaaatacgt cagtgcctg      360
gagctgagtg cctgaggggt ccagaagctt cgaggccag cgacctcagt gggcccagtg      420
gggaggagca ggagcctgag ccttggaac atgctgtga cctctacagc tacctcttct      480
atggactggg tattgccaac caggccacac tgtgggactc ttcttaactt aaattttaat      540
ttatttatac agttccccct gtccccctcc ccttccctca cagtgtgtct ggtgacaacc      600
ttgctctgag agttccccct gtccccctcc ccttccctca cagtgtgtct ggtgacaacc      660
gagtggctgt catcggcctg tgtaggcagt catggcacca aagccaccag actgacaaat      720
gtgtatcgga tgcttttgtt cagggtgtgt atcggcctgg ggaaataata aagatgctct      780
tttaaaaggt aaacc                                     795

```

```

<210> 8507
<211> 1363
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (363)...(820)
<223> similar to gi5924003 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8507
gcgtgggtgga attcgtggag tatacagcta ctgatgcaaa tgtgaagaat gaaagtcttt      60
catctgtgca gcagcttggc attaaaatga ctgtcaggta tggcaaattc ctcagtctct      120
taaaagatgg tgcaaaaaat gatcttacct ggggttttaa gcattgtgag agattcctga      180
aacagcagca aacttccata aaatcttctc ttctctgcct gcaagggaat tatgctggcc      240
atgactgggt tgtatcttct ctgttcatga taatgttggg agacaaagaa aaaacattcc      300
aatttcttca tcaattctcc aggcttctga cttctgcttt tctttgggtg ccaaggctac      360
atatttctag ttaccttctc aatgacactg tagaatctgg catccatcca gtatattttt      420
gcagcaccca ttatattgaa atgctactga aggctgagtt gcctcttgtg ttttcagctt      480
ttcacatgtc tgggttttga ccatcacaga tttgctgca atggataacc cagtgttttt      540
ggaaattact agattggata gaaatctgcc attatattgc tacttgtgtt ttccttggtc      600
ctgattatca agtgtatata tgtatagctg tattcaaaca tttacagcaa gacattctac      660
agcacactca gactcaagat ctgcaagttt tcctaaaaga agaagcactg catgggtttc      720
gagtgagtga ttattttgaa tacatggaaa ttttggaaac aaactaccga acagtgtctg      780
tgagagacat gcggaacatt agactgcaga gcacatagat catgagacac acgggttttaa      840
tttaggtttt atttattttt aaacacagca ggggggcttg atgtttttct gtgtctgtaa      900
caacattttac tttgtgaata tacatattgt aaatactgag aagtataacg atatatattaa      960
gtaggatatga gctcaatttg tgaattcatt tttgtaaatt tgttgttttg taaggttatt      1020
atagaatcag atctagctta ctttttagttc ttattcatgt ttaagagtta gtccctggcca      1080

```

```

ggcgcggtgg ctcatgcctg taatcccagc actttgggag tctgaggtgg gcggtacacg 1140
aggtcaagag atcgagacca tcctggccaa aatggtgaaa cctcgtctct gctaacaata 1200
ctgaaattag ctgggtgcag tgatgcgcct gtagtccctg ctacttggga ggctgaggca 1260
ggagaatcgc ttgaaccgag gaggcggagg ttgcagttag ccaagattgt gccactgtac 1320
tccaggctgg gccacagagt gagactctgt ctcaaaaaaa aaa 1363

```

```

<210> 8508
<211> 1449
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1450)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1060)...(817)
<223> similar to gi3191963 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8508
ttttgcgggt gtgagcctgc agtgtgtgcg tggcagtttg gtttattggt agtgtcgtct 60
cagcagcgtg ccacatggcc accatctgcg ggctgcctgc tgccctccca attgtccttg 120
gccctctccc tgcccaggga gctgagcggt accctcggtg ccaggctcgg ctgctgagcc 180
agcttggttg tgaagcctgg gctggcagct gaatgatgga gagagggtca agaaggtgag 240
agacccccac catggagacc cagcagagcc ttctcaaatg ctgataagcc aaatgtcaca 300
aggtgacaag tccaaggagt gagaccaggg ccatgagtgc agcacaccct gctcttccag 360
agatgccaca aagccccctc agggagagag gggcccagga gggcagaatg cctgagaagg 420
tcgctgagcc aggcagaggt gagcacaggg cggggccggg cgtgctcttt ctccatgggc 480
gggtggagga aagacagtcc ggggtggtctg ctgaggaagc actgcctggg gctgggccac 540
tctgcccgtc ctctcctggga ggaaacatgg gcagaggggc ccatggtggg aggggagaga 600
gtctctgggt gcagttgtcc caccactcag agaaaagaag tggctgaagc tggctcctgac 660
tagtgggagg cctgggagca gacacggtgg catttccatg gaaacacagg tgtgcaggcc 720
gtgtggagct ggggatgtag gagtggccag tgcccgggtg ccacgggggtg cgagcgggga 780
cccgccatct ggggaggcaa accacagagc tgctcacagg gcgaagaggg catcctctga 840
ccgctctggc ttcttccggc cagaagggtt tgaggctggg gcaggagcct ccatgggggg 900
cgaggggagg tcgggaacca ttccagcagc tttggctctt tcttcaagga atttatcaaa 960
ctcttcactt gtgacaccct cctccagatc atcacccttc aggtcggtcc tgagccacac 1020
ctcaatgtcg tccatgacag atggctgcgc aacggggatc attccttggg ttataagcca 1080
gctgtctatg ggctccaggt cagactcccc acctctacct ctcttctggg ccgaggacag 1140
aaaagtctca gaaaagaaaag tcacagcaag acccatgaga aagaagtcaa tagcacatat 1200
tgtggaaaca gaaaagtcac tcttcagacg tgatcctttg ccacgtaagg aaatgtgatg 1260
ccctgctccc aacctccacc ccagcacgtc ccccttacct gcctggaaaa aagaagaaaa 1320
gtttagtaac caagaatccc aacaggataa cacatactca tgccaaccac taccgtgccc 1380
tggaatctc caggagatca cagaagggtg accagacgaa atcgtcgncc cggaattcgg 1440
ggccagtca 1449

```

```

<210> 8509
<211> 1120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1072)...(456)
<223> similar to gi5102832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8509
tttttttttt ttgtagagat ggggctttgt catgtgaccc agcctgggtct ggaactcctg      60
ggctcacgcg attctcccac ctttgctcc caaattgctg ggggattaca ggcgtgagtc      120
accatgcccc gcctaggatg agtttagtaa gatttggtta tgctggggag atgggaaaag      180
ccagggttag gggcacgcag gctggaagga aacggggtct gtgggggtgg atggaataac      240
ccatggaggc aagaaaggag cctctgcagg aacaagtctg gaagagcgag gaggaagcgg      300
tgaggcaggg gagcactgtg tgaactgcc tgaggccagg caggggctca ggatgaccag      360
gcagaaacag agcgggtcca ggggtggagg gagggccgtg cagcatgagc aggaggctag      420
aggagacaga ccatgaggcc caggagagacc cctcactgga gactctccc tagccttctt      480
ttcagaagtc gaaagttggt ttttaatccc ttccaaggct tgaatggctc attatcattg      540
tacacaaagt tttcccaaca atatttaaaa tcttcatagt ccatgatctc cacagcgacc      600
ccttcctgac tcaggctgcg gagccctcc tggtaacatg gatactggaa gtagtagagg      660
cgggcggtga agatggtgag attcacgttg ctgtgcttg ccaggaactc ggccacctcc      720
cctgcacagt ctgggcaagg gctccaagat gtgtaccagg tgacctggtta ctttgtgtta      780
ggagacagta tgtcgtcgca gaaccaagag aggaagcacc tttctgcatg acaatgggtc      840
tcagaatcca cctggtttcg gaagacgccc gtcttccagg agacaactga gcggcgcttt      900
ataccttcca cggtgaagca cagccaagtt tcgttccgat cgttggcttc ccatagggtt      960
ttaaattgga agtagaatgt gcctggatac attgccttca tcgggtttct gatctgtgga     1020
ttcatgttca gcctcttaga tatgcttgtc cctgtcccac tcttttctga agcgctgtgg     1080
cttctcttcc tgcttacagc gtccttggtc gacgcggccg      1120

```

```

<210> 8510
<211> 888
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(670)
<223> similar to gi4836700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8510

```

gtttgtgctg	gaattcgcg	cccttggtca	acgccgttgg	cgaagccagc	tgctggaggt	60
gccgagaatc	tgagtttcgg	taagcagcca	ggctctggaaa	ctaataat	aaaaatgact	120
acaccaaaca	agacacctcc	tggtgctgac	cccaagcagt	tggaaaggac	tggaacagta	180
cgggaaattg	ggtcacaagc	tgtttggtca	ctctcatctt	gcaaaccagg	atttggagtg	240
gatcagttac	gagatgacaa	tctagaaact	tattggcaat	cagatggttc	ccagcctcat	300
ttagtgaaca	tccaattcag	aagaaaaaca	acagtgaaga	cattatgtat	ttatgcagac	360
tacaaatctg	atgaaagcta	tactccaagc	aagatctcag	tcagagtagg	aaataat	420
cacaaccttc	aagaaattcg	gcaacttgag	ttggtggaac	caagtggctg	gattcatgtt	480
cccttaactg	acaatcataa	gaagccaact	cgtacattca	tgatacagat	tgctgttcta	540
gccaatcacc	agaatggaag	agacacccat	atgagacaaa	ttaaaatata	cacaccagta	600
gaagagagct	ccattggtaa	atttcctaga	tgtacaacta	tagatttcat	gatgtatcgt	660
tcaataaggt	gactttaaaa	tgagacgaaa	atcattaaac	gtatctttgt	tttatcctgt	720
atttaaataa	tatatcatgt	acctttattg	aacaaggcat	ccgttatatc	taattttgta	780
tatgtttaaa	aatat	tgtaactttg	acaaataaat	ttgggggtcat	attatcttta	840
ttttctttaa	catgtaataa	agctcacata	ttttacatta	ccaaaaaa		888

<210> 8511
 <211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2092)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (108)...(1107)
 <223> similar to gi296186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8511						60
aggcgccccg	ccgcccgcg	tgattctcgc	ctcgccgcag	cccagccctg	cgcgccttgc	120
ccggcgcccc	ccgcccggcc	gctccggggc	cctggccccg	cggagcgatg	ctgctgctgg	180
ctgcccgcctt	cctcgtggcc	ttcgtgctgc	tgctgtacat	gggtgtctccg	ctcatcagcc	240
ccaagcccct	cgccttggcc	ggggcgcatg	tggtgggttac	aggaggttcc	agtggcatcg	300
ggaagtgc	tgctatcgag	tgctataaac	aaggagcttt	tataactctg	gttgcacgaa	360
atgaggataa	gctgctgcag	gcaaagaaag	aaattgaaat	gcactctatt	aatgacaaac	420
aggtgggtgct	ttgcatatca	gttgatgtat	ctcaagacta	taaccaagta	gagaatgtca	480
taaaacaagc	acaggagaaa	ctgggtccag	tgacatgct	ggtaaattgt	gcaggaatgg	540
cagtgtcagg	aaaatttgaa	gatcttgaag	ttagtacctt	tgaaaggtta	atgagcatca	600
attacctggg	cagcgtgtac	cccagccggg	ccgtgatcac	caccatgaag	gagcgccggg	660
tgggcaggat	cgtgtttgtg	tcctcccagg	caggacagtt	gggattattc	ggtttcacag	720
cctactctgc	atccaagttt	gccataaggg	gattggcaga	agctttgcag	atggagggtga	780
agccatataa	tgtctacatc	acagttgctt	acccaccaga	cacagacaca	cctggctttg	840
ccgaagaaaa	cagaacaaag	cctttggaga	ctcgacttat	ttcagagacc	acatctgtgt	900
gcaaaccaga	acaggtggcc	aaacaaattg	ttaaagatgc	catacaagga	aatttcaaca	960
gttcccttgg	ctcagatggg	tacatgctct	cggccctgac	ctgtgggatg	gctccagtaa	1020
cttctattac	tgaggggctc	cagcaggtgg	tcaccatggg	ccttttccgc	actattgctt	

tgttttacct	tggaagtttt	gacagcatag	ttcgtcgctg	catgatgcag	agagaaaaat	1080
ctgaaaatgc	agacaaaact	gcctaattctt	cttaccctt	ggaagaagac	tgtttccaaa	1140
taatttgaac	agcttgctgc	taaatgggac	ccaatttttg	gcctatagac	acttatgtat	1200
tgttttcgaa	tacgtcagat	tgaccagtg	ctcttcagga	atgtggctgc	aagcaagggg	1260
ctagaagttc	acctcctgac	agtattatta	atactatgca	aatatggaat	aggagaccat	1320
ttgattttct	aggctttgtg	gtagagaggt	gaaggatga	gaattaatag	cgtgtgaaca	1380
aagtaaagaa	caggattcca	gaatgatcat	taaatttggt	tctattttatt	cttttttgcc	1440
cccctagaga	ttaagtccag	aaatgtactt	tctggcacat	aaagaaatct	tgaggacttt	1500
gtttaaacct	tccataaaaa	aacaattttc	ggtttctcgg	gttctctctc	tctctctctc	1560
tctctctctg	tctctctgtc	tctctggctc	tctgtctctc	tctctctctc	tctctctctc	1620
tctttctttc	tttgtgtatt	atattcaaga	agagttggac	ccattgccag	tgagtctgaa	1680
tgtcactgac	agccctgtgt	tgtgctcaag	actcactctg	ccgctgggtg	gaaactcatg	1740
gcttctctct	ctctttgatc	ccataaagct	acgaggggga	cgggagaggg	gcagtgaat	1800
gggaaataaa	gaggatattt	tcccngtagg	gaaaaggcaa	tgctttcctt	gtctttacac	1860
tcaaatgctt	aggggaacgt	tttcattttc	tcattcatgg	ggggaaaaggc	agcctcctta	1920
aatgttttcc	tgaagagcgg	gtaaaatcta	gaagcttaag	aatttacagt	tccttcaata	1980
accatgatga	cctgaagttc	acctatccca	tttttagcatc	tacttgtttt	ttcccatctc	2040
ttcctttcca	attttgactt	atactgctgt	aatatttttg	taaaaaaaaa	a	2091

<210> 8512

<211> 1077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(793)

<223> similar to gi2842402 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8512

gcttggtggc	gggcactcgc	gcagaggccg	gcccgcagag	ccatgggtgc	tgaggagcgac	60
gcggggcg	ccctgggggt	cctcagcgtg	gtctgcctgc	tgactgctt	tggtttcatc	120
agctgtttt	cccaacaaat	atatggtgtt	gtgtatggga	atgtaacttt	ccatgtacca	180
agcaatgtgc	ctttaaaaga	ggtcctatgg	aaaaaacaaa	aggataaagt	tgcaaaactg	240
gaaaattctg	aattcagagc	tttctcatct	tttaaaaata	gggttttatt	agacactgtg	300
tcaggtagcc	tcaactatcta	caacttaaca	tcacagatg	aagatgagta	tgaaatggaa	360
tcgccaaata	ttactgatac	catgaagttc	tttctttatg	tgcttgagtc	tcttccatct	420
cccacactaa	cttgtgcatt	gactaatgga	agcattgaag	tccaatgcat	gataccagag	480
cattacaaca	gccatcgagg	acttataatg	tactcatggg	attgtcctat	ggagcaatgt	540
aaacgtaact	caaccagtat	atattttaag	atggaaaatg	atcttcacac	aaaaatacac	600
tgtactctta	gcaatccatt	atttaataca	acatcatcaa	tcattttgac	aacctgtatc	660
ccaagcagcg	gtcattcaag	acacagatat	gcacttatac	ccataccatt	agcagtaatt	720
acaacatgta	ttgtgctgta	tatgaatggg	attctgaaat	gtgacagaaa	accagacaga	780
accaactcca	attgattggg	aacagaagat	gaagacaaca	gcataactaa	attattttta	840
aaactaaaaa	gccatctgat	ttctcatttg	agtattacaa	tttttgaaca	actgttgga	900
atgtaacttg	aagcagctgc	tttaagaaga	aatacccact	aacaaagaac	aagcattagt	960
tttggtgtgc	atcaacttat	tatatgacta	gggtgctgct	ttttttgtca	gtaaattggt	1020
tttactgatg	atgtagatac	ttttgtaaat	aaatgtaaat	atgtacacaa	gtgaaaa	1077

<210> 8513
 <211> 2303
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1990)...(1337)
 <223> similar to gi3874437 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8513

aaaaacaatt	gatgtaggaa	taaggggaat	ggataaagaa	tggtacatgc	ttattctaaa	60
gcaggagagc	ctacagattg	ttgtcaaagc	tcatgtctat	ctctgtcctc	gaggcctcca	120
caccatctcc	ctctccctcc	tccagaatcc	aagggatgag	cccgtttccc	tttatgagac	180
gaggtggagc	agtacctcta	gtttttggct	gctcatggcc	tcagagttgc	tgtttgga	240
ggaaaaagag	cagcagaggc	agcaaagaaa	agtactaggg	cagcaccttt	aggttagaaa	300
tagattccac	agttaaaagc	acaagtataa	tatgcattaa	acagagaagg	gcctcaatag	360
aatggtcaca	atatgcaagt	gtgtcccact	catttacaat	attaggattc	caggagctgc	420
cagaaataag	tcatctcatt	aacataccta	cctgcagttc	tgatgtctgg	ctattagtaa	480
acaaggccta	cgtttgtttc	tctaaaattt	agaatcttaa	actaaatcct	ttatttcaaa	540
aacaaacata	aaataatttc	ccaggcagag	aaaaggtttg	agatggaagc	gttcttgta	600
gcagtcctct	cctgcataaa	tgggggttga	gagagaggag	agagggaaatg	gccaaaggta	660
tggaaagctt	tcacaatgca	tgccgagtgt	gaagtgcacac	ccccagcaga	tggggtttat	720
catctttact	tagtcacaca	acatcaagga	ctgggttagtt	ccaggggaagg	gctccatttc	780
attacctggg	tcagttctct	tcccccgcat	gctccacaat	gcagtagaac	caaacaacac	840
attcatttac	aatagaatgt	ttaaataaca	cctgtccaat	aactgccctt	acttctttgt	900
gctgtcggga	aaagaaaaaa	cagaaagcaa	taaaacccaa	accctttggc	aagccagccg	960
gtgcctattc	tcctggggca	tttttagtgg	aacttcggct	gggccttgcc	ctcctcccaa	1020
tatcagtgag	gaaagtggca	gcgggacagg	tttggtcatc	tgcaagtggag	tagaaagagg	1080
aaccaaacac	gattcggggc	acaggtggat	tctggcacat	tttttagattg	gattgggttaa	1140
aaatgtcatg	ttgtacacag	gatgcaggca	aaggagtttt	tttttagagg	acataatgcc	1200
tataggcagc	atgaacggtc	cgatctaccc	ttggggagga	gctccctgtg	tagggacgga	1260
gaaactaggg	ggcctcgagg	aaggtgttgg	ttcggaagat	ggaggagaca	atctttccgg	1320
tggcattgat	ggtgccttcg	ctgtctgagc	tggactcgga	gtcgtgctc	ccagagtagg	1380
caccagggcc	tgggaggatg	ccgatacata	ctgcagcaga	ggggcagtgg	atggaggggc	1440
cactcaggga	ggtgtttccg	agagacttgc	aggatgaggg	ctcttgattc	ttgtcatctg	1500
gctcagggtc	cggtttcagt	cttttcacac	tgttgccact	ctctgagctc	ttatgcttca	1560
cagctcctgc	caacagcttc	gcctgggaga	acttggttct	ggtttctata	ggcttcacag	1620
tcagtttctt	ttccacttcc	ttcttggtct	cttgagaaat	tccaaccttc	ttgaggttat	1680
ttctgtattc	cttcagttct	ttcagttctt	cttctcttcg	ttgcttttct	attagttcct	1740
gctgtcgaga	aacctcatca	aggaagttag	tctcatcttc	atctaagcct	cttaccatgt	1800
ttttgaattt	gaactgttcc	tcgtactcct	gctgcttctt	gtccttctgt	tcctgtagcc	1860
tttcatatag	agatcgaggg	tcataaacct	cctctggaca	ttcttctgga	tcttcagggt	1920
ttcgaacttt	ctcccattct	tcttgccctc	ttttgcgcgg	ttcatctagt	tctgcctcag	1980
acacaaacct	ctttttgata	ataaggttac	catcatcccc	tccatccata	atgaaacaac	2040
caatctagca	gaaaattggg	gaaaccccat	taaacgcccg	gcagtgttgg	gcccgcctga	2100
aagggctctc	gccgcgaccc	agatgtcttc	ccgcgggcac	cctcagctcc	cctcaggctg	2160
ggcccgcaag	ccccaggctt	cggctactcc	ggacaaggag	cgggtgcgcg	cactgagaac	2220
aggcctggcc	ctaaccctaa	cagcagccgc	agctcatcta	ttccgtaagg	aagctggaac	2280

ccaggtgtcg ccgccagacc aaa

<210> 8514
 <211> 1530
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (327)...(1200)
 <223> similar to gi3387971 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8514						60
gcggccgcga	agcgactccg	agcgctccctc	tgagccttgc	tcattctctgc	cccgcgcctc	120
ccggggtccg	gtccgcgcgg	cggggtccct	gctcctgcgc	cccgggcgcg	cttcccggac	180
accccggtcc	ccgcagccag	gacaaagcca	tgaagccagc	gctgctggaa	gtgatgagga	240
tgaacagaat	ctgccggatg	gtgctggcca	cttgcttggg	atcctttatc	ctggatcatc	300
tctattttcca	aagtattgtt	caccagtc	tgccgaggaa	tccctttggg	gtggacatct	360
gctgccggaa	gggggtcccga	agccccctgc	aggaactcta	caacccaatc	cagctggagc	420
tctcaaacac	tgctgtcctg	caccagatgc	ggcgggacca	ggtgacagac	acgtgccgag	480
ccaacagcgc	cacaagccgt	aagcggaggg	tgctgacccc	caacgacctg	aagcacttgg	540
tggtggatga	ggaccacgag	ctcatctact	gctacgtgcc	caaggtggcc	tgcaccaact	600
ggaagcggct	catgatggtc	ctgaccgggc	gggggaagta	cagcgacccc	atggagatcc	660
cggccaacga	ggcacacgtc	tccgccaacc	tgaagaccct	gaaccagtac	agcatcccag	720
aaatcaacca	ccgcttgaaa	agctacatga	agttcctgtt	tgtccgggag	cccttcgaga	780
ggctagtgtc	cgcctaccgc	aacaagttca	cccagaagta	caacatctcc	ttccacaagc	840
ggtacggcac	caagatcatc	aaacgccagc	ggaagaacgc	caccagggag	gccctgcgca	900
aaggggacga	tgtcaaattc	gaggagtgtg	tggcctatct	catcgaccca	cacacccagc	960
gggaggagcc	tttcaacgaa	cactggcaaa	ccgtctactc	actctgccat	ccctgccaca	1020
tccactatga	cctcgtgggc	aagtacgaga	cactggaaga	ggatttcta	tacgtcctgc	1080
agctggcagg	agtgggcagc	tacctgaagt	tccccacct	tgcaaagtct	acgagaacta	1140
ctgatgaaat	gaccacagaa	ttcttccaga	acatcagctc	agagcaccaa	acgcagctgt	1200
acgaagtcta	caaactcgat	tttttaatgt	tcaattactc	agtgccaaag	tacctgaaat	1260
tggaataaa	gggggtgggga	gagggagaga	atcatgcttt	ttaatttaag	atttttatct	1320
gtcaaaaag	ttatatggat	attgggttat	tttgtaaatt	aatatttctt	tggggatgat	1380
gctgcgagca	gcatagttag	aattatttaa	aatccttcgt	aggggaaggac	agctgtcttt	1440
gcaggggaaa	taggatgggt	cgtccttgtc	tgtagaagtg	aatactgcaa	cactgtctca	1500
aaggtttctt	gtgttctggg	gaattccatg	aattgtgcat	tccataaatt	ctaattaata	1530
ttatttatag	ttatttaaaa	aaaaaaaaaa				

<210> 8515
 <211> 2815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (168)...(955)
 <223> similar to gi4159993 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8515							
atttcctccc	gttctttatc	agagccccc	aaataagtag	gaatgggcag	tggctattca		60	
cattcactac	accttttcca	tttgctaata	aggccctgcc	aggctgggag	ggaattgtcc		120	
ctgcctgctt	ctggagaaa	aagatattga	caccatctac	gggcaccatg	gaactgcttc		180	
aagtgaccat	tctttttctt	ctgcccagta	tttgtagcag	taacagcaca	ggtgttttag		240	
aggcagctaa	taattcactt	gttggtacta	caacaaaacc	atctataaca	acaccaaaca		300	
cagaatcatt	acagaaaaat	gttgtcacac	caacaactgg	aacaactcct	aaaggaacaa		360	
tcaccaatga	attacttaaa	atgtctctga	tgtcaacagc	tactttttta	acaagtaaag		420	
atgaaggatt	gaaagccaca	accactgatg	tcaggaagaa	tgactccatc	atttcaaacy		480	
taacagtaac	aagtgttaca	cttccaaatg	ctgtttcaac	attacaaagt	tccaaaccca		540	
agactgaaac	tcagagttca	attaaaacaa	cagaaatacc	aggtagtggt	ctacaaccag		600	
atgcatcacc	ttctaaaact	ggtacattaa	cctcaatacc	agttacaatt	ccagaaaaca		660	
cctcacagtc	tcaagtaata	ggcactgagg	gtggaaaaaa	tgcaagcact	tcagcaacca		720	
gccggtctta	ttccagtatt	attttgccgg	tgggtattgc	tttgattgta	ataacacttt		780	
cagtatttgt	tctggtgggt	ttgtaccgaa	tgtgctggaa	ggcagatccg	ggcacaccag		840	
aaaatggaaa	tgatcaacct	cagtctgata	aagagagcgt	gaagcttctt	accgttaaga		900	
caatttctca	tgagtctggt	gagcactctg	cacaaggaaa	aaccaagaac	tgacagcttg		960	
aggaattctc	tccacaccta	ggcaataatt	acgcttaatc	ttcagcttct	atgcaccaag		1020	
cgtggaaaag	gagaaaagtc	tgacagaatc	atcccgaact	ccatacctgc	tgctggactg		1080	
taccagacgt	ctgtcccagt	aaagtgatgt	ccagctgaca	tgcaataatt	tgatggaatc		1140	
aaaaagaacc	ccggggctct	cctgttctct	cacatttaaa	aattccatta	ctccatttac		1200	
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cccaggaggt	gggctcgctg	ataggcatga	ctttccttaa	tgtttaaagt	tttccggggc		1320	
aagaattttt	atccatgaag	actttcctac	ttttctcggt	gttcttatat	tacctactgt		1380	
tagtatttat	tgtttaccac	tatgttaatg	cagggaaaag	ttgcacgtgt	attattaaat		1440	
attaggtaga	aatcatacca	tgctactttg	tacatataag	tattttatc	ctgctttcgt		1500	
gttactttta	ataaataact	actgtactca	atactctaaa	aatactataa	catgactgtg		1560	
aaaatggcaa	tgttattgtc	ttcctataat	tatgaatatt	tttggatgga	ttattagaat		1620	
acatgaactc	actaatgaaa	ggcattttgt	ataagtcaga	aagggaacata	cgattcacat		1680	
atcagactgt	tagggggaga	gtaattttatc	agttcctttg	tctttctatt	tgctattcat		1740	
actatgtgat	gaagatgtaa	gtgcaagggc	atttataaca	ctatactgca	ttcattaaga		1800	
taataggatc	atgatttttc	attaactcat	ttgattgata	ttatctccat	gcatttttta		1860	
tttcttttag	aatgtaatt	atttgctcta	gcaatcattg	ctaaccctcta	gtttgtagaa		1920	
aatcaacact	ttataaatac	ataattatga	tattattttt	cattgtatca	ctgttctaaa		1980	
aataccatat	gattatagct	gccactccat	caggagcaaa	ttcttctgtt	aaaagctaac		2040	
tgatcaacct	tgaccacttt	tttgacatgt	gagatcaaag	tgtcaagttg	gctgaggttt		2100	
tttgaaaagc	tttagaacta	ataagctgct	gggtggcagct	ttgtaacgta	tgattatcta		2160	
agctgatttt	gatgctaaat	tatcttagtg	atctaagggg	cagtttagtg	aagatggaat		2220	
cttgatttta	aaatagcctt	ttaaaatttg	ttttgtgggt	atgtattttg	acaacttcca		2280	
tctttaggag	ttatataatc	accttgattt	tagtttcctg	atgtttggac	tattttataat		2340	
caaggacacc	aagcaagcat	aagcatatct	atattttctga	ctgggtgtctc	tttgagaagg		2400	
atgggaagta	gaaaaaaaaa	aaagaaagaa	aggaaaggaa	gagaggagag	aagaaggcag		2460	
ggatctccac	tatgtatggt	ttcacttttag	aactgttgag	cccatgctta	attttaatct		2520	
agaagtcttt	aaatgggtgag	acagtgactg	gagcatgcca	atcagagagc	atttgtcttc		2580	
agaaaaaaaa	aaaatctgag	tttgagacta	gcctggccaa	catgttgaaa	ccccatatct		2640	
actaaaaata	caaaaatttag	cctgggtgtgg	tggcgcacgc	ctgtagtccc	agctactctg		2700	
gagcctgagg	aacgtgaatc	gcttgaacct	aaaaaacaga	ggttgacagt	agctgagatg		2760	
gcactattgc	actccagcct	gggtgacaca	gcaagactct	gtctcaaaaa	aaaaa		2815	

<210> 8516
 <211> 977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (155)...(517)
 <223> similar to gi455109 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8516
ttttcttgag ttacctcccg cagccgcagc cgccgtgctc agcgcgagcc ccggagccct    60
tgagcgcgag gcgcggagcc cccggagccc ccaaaccgca gacacatccc cgcgccccag    120
agccccggcc tgcgcgcccc gccgggcccc cgcgatgccc tcagaccggc ctttcaagca    180
gcggcggagc ttgcgcgacc gctgtaagga ggtacagcag atccgcgacc agcaccaccag    240
caaaatcccg gtgatcatcg agcgctacaa gggtgagaag cagctgcccc tcctggacaa    300
gaccaagttt ttgggtcccg accatgtcaa catgagcgag ttgggtcaaga tcatccggcg    360
ccgcctgcag ctgaacccca cgcaggcctt cttcctgctg gtgaaccagc acagcatggt    420
gagtgtgtcc acgcccacg cggacatcta cgagcaggag aaagacgagg acggcttcct    480
ctatatggtc tacgcctccc aggaaacctt cggttcttga gccagcagta ggggggctcg    540
gcctgggagt cggggggccc cggtcaggcc ctgcccagag agctcctggt tctgaactg    600
agctgcctct accgtggtgg gctgggcagg catgtgcccc cctagtcaga gggcaccaac    660
ccacctactc tgcccctggg tggatcctgg gccggtcgtg ttagggttgt ccctctgggt    720
gctggctggt gggatggggg aggggtggga gcagctccca gcacccctgc tgtgtgggtc    780
atcttttttt taggccccct cctgtctgcc catctgcccc tcacccaccc gaggctctgc    840
ccaccgcctg gacctgcccc cccctgaaag actggccctt ggctccccgc ccctcggtct    900
ccacgtggtg tatggatctg tggtcattgt ccctctgcag aataaagatt gctcaggcct    960
gcctggcaaa aaaaaaa
  
```

<210> 8517
 <211> 2231
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (172)...(2094)
 <223> similar to gi28583 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8517

gccccccaat	tccccgtgtcg	acgatctctg	cgatcgcggc	ctgaggctgc	tccccggacaa	60
gggcaacgag	cgtttcgttt	ggacttctcg	acttgagtgc	ccgcctcctt	cgccgccgcc	120
tctgcagtcc	tcagcgcagt	ctttccacag	gagccagcat	acttcctgaa	catggagagt	180
gttggttcgcc	gctgcccatt	cttatcccg	gtcccccagg	cctttctgca	gaaagcaggc	240
aaatctctgt	tgttctatgc	ccaaaaactgc	cccaagatga	tggaagttgg	ggccaagcca	300
gccccctcggg	cattgtccac	tgacgacgta	cactaccaac	agatcaaaga	aaccctccg	360
gcccagtgaga	aagacaaaac	tgctaaggcc	aagggtccaac	agactcctga	tggatcccag	420
cagagtccag	atggcacaca	gcttccgtct	ggacacccct	tgctgccac	aagccagggc	480
actgcaagca	aatgcccttt	cctggcagca	cagatgaatc	agagaggcag	cagtgtcttc	540
tgcaagcca	gtcttgagct	tcaggaggat	gtgcaggaaa	tgaatgccgt	gaggaaagag	600
gttgctgaaa	cctcagcagg	ccccagtggt	gttagtggtga	aaaccgatgg	aggggatccc	660
agtggaactgc	tgaagaactt	ccaggacatc	atgcaaaaagc	aaagaccaga	aagagtgtct	720
catcttcttc	aagataactt	gccccaaatct	gtttccactt	ttcagtatga	tcgtttcttt	780
gagaaaaaaa	ttgatgagaa	aaagaatgac	cacacctatc	gagtttttaa	aactgtgaac	840
cggcgagcac	acatcttccc	catggcagat	gactattcag	actccctcat	cacaaaaaag	900
caagtgtcag	tctggtgcag	taatgactac	ctaggaatga	gtcgccaccc	acgggtgtgt	960
ggggcagtta	tggaactttt	gaaacaacat	gggtgtgggg	caggtggtac	tagaaatatt	1020
tctggaacta	gtaaattcca	tgtggactta	gagcgggagc	tggcagacct	ccatgggaaa	1080
gatgccgcac	tcttgttttc	ctcgtgcttt	gtggccaatg	actcaaccct	cttcaccctg	1140
gctaagatga	tgccaggctg	tgagatttac	tctgattctg	ggaaccatgc	ctccatgatc	1200
caagggattc	gaaacagccg	agtgccaaag	tacatcttcc	gccacaatga	tgtcagccac	1260
ctcagagaac	tgctgcaaag	atctgacccc	tcagtcccca	agattgtggc	atttgaaact	1320
gtccattcaa	tggtatgggg	ggtgtgcccc	ctggaagagc	tgtgtgatgt	ggcccatgag	1380
tttgaggcaa	tcaccttcgt	ggatgaggtc	cacgcagtg	ggctttatgg	ggctcgaggc	1440
ggaggggattg	gggatcggga	tggaagtcatg	ccaaaaatgg	acatcatttc	tggaacactt	1500
ggcaaagcct	ttggttgtgt	tggaagggtac	atcgccagca	cgagttctct	gattgacacc	1560
gtacggctct	atgctgctgg	cttcactctc	accacctctc	tgccacccat	gctgctggct	1620
ggagccctgg	agtctgtgcg	gacctctgaag	agcgtgagg	gacgggtgct	tcgcccgcag	1680
caccagcgca	acgtcaaaact	catgagacag	atgctaattgg	atgccggcct	ccctgttgct	1740
cactgcccc	gccacatcat	ccctgtgcgg	gttgacagatg	ctgctaataa	cacagaagtc	1800
tgtgatgaac	taatgagcag	acataacatc	tacgtgcaag	caatcaatta	ccctacgggtg	1860
ccccggggag	aagagctcct	acggattgcc	cccacccctc	accacacacc	ccagatgatg	1920
aactacttcc	ttgagaatct	gctagtcaca	tggaagcaag	tggggctgga	actgaagcct	1980
cattcctcag	ctgagtgcga	cttctgcagg	aggccactgc	atgttgaggt	gatgagtga	2040
agagagaagt	cctatttctc	aggcttgagc	aagttgggtat	ctgctcaggc	ctgagcatga	2100
cctcaattat	ttcacttaac	cccaggccat	tatcatatcc	agatgggtctt	cagagttgtc	2160
tttatatgtg	aattaagtta	tattaaatctt	taatctatag	taaaaacata	gtcctggaaa	2220
taaaaaaaaa	a					2231

<210> 8518
 <211> 1151
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1152)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (694)...(263)
 <223> similar to gi4929731 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8518
gtttaatttt ctagtttttc ttttttttc aaattctccc agatcctgat caggtacttc      60
tttatagcaa cacaagaaca gcctaacaca caggattaag ttgattccag gtaaataaat      120
taagagaagc aatgactcgc tggagacagc agcaaattca gccagtttt attgcaaata      180
aaacaagtca ttcaagtga tttgtgaaat tgagggtgca cgtgaagggg tggcaagggg      240
acgggactct tgaagatggg cagtgtttcc ttggtttgaa cttcaaagcc acactgttga      300
tgcaaaacct ctgaccattg ggcccaggtc catcaggaaa cacgtgacct agatgagctt      360
cacactgctt gcagacaacc tctgtgcgag ctgacctaag cgaggatatcc agacgtctca      420
ggatccctgt gtggcctttc tcagagccag acgtaccatg agcctcgga aacgaaggcc      480
accagtgcc agagcagtac tttttctcag aactgaagag tggactgtcg cagcacacgc      540
aatgatacat tctgtcttcc ttgttattca ggtagatccc actgaaaggc ggttccgttc      600
ccttttctct tgtgacgtag aactgctccg gggttagtgt cttttgccac tcaactcttg      660
caagaggcag ctcacacgtt gcaagagacc cagggggatc cggatgaggg gtcttgagaa      720
ctcgtacctg tctttataac ttgtctataa atctaaaatt attccaaaat aaaaaagctt      780
atttaaaaaa ctttcttctc catggctacc cgtgtaccat caagcactac tggagaaaaa      840
tccccacctg gggagagggg tgtccttata aactcaaagt tactcatctc actgggggtt      900
cagtgaacca tggaaaccatc tttccccagt cagctctctt cccatttctc tgcaatgagt      960
gttttaaac ttttccactc tcaggaatgt aaactagtac aaccactatg gaaaacagtg      1020
tggagattct ttaaagaact aaaagtagaa taccatttaa tccagcaatc ccaactactg      1080
gtatctaccc agaggcaaa aagtcattac atanaaagat acctgccacc ggacgcgtgg      1140
gtcgacacgg g                                     1151

```

<210> 8519

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (339)...(893)

<223> similar to gi836709 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8519
gtcatcttct tctcttcgta tacaatgttt tcccctaatt catttctcac gtgcattacc      60
gtaacagtag cttctttggg ctccctgtgt ccaatttctt ccatttcaaa acatcctggg      120
tattgatgca agactaatct tcaaaatgtc atttttgacc gggcgctgcc gctgccgccg      180
gcgcccttcc ccagtaccac ggcccggcgc ctgcactcgt ttcctgcagg agagagctaa      240
gcttgtctgc tggatccctg cagctggagc gcaaaaggag agatttcacc tcttctggga      300
gcaggaaaac ctacttcgac actcatgcct tagtgtgctt actggaagac aatgggtttg      360
ctactcaaca agcagaaatc atttgtctg cattggtcaa gatcctggag gccaacatgg      420
acatcgtcta caaagatatg gtcaccaaga tgcagcagga aatcactttt cagcaagtaa      480
tgtctcagat tgcaaatgtg aaaaaggata tgattatttt ggagaagagt gaattttcag      540
ccctcagagc agaaaatgag aaaataaaac tcgaactaca tcagttaaaa caacaagtaa      600
tggatgaagt gatcaaagtc cgaacagata ccaaattaga cttcaaccta gaaaagagca      660

```

gagtaaaaga	attgtattca	ttgaacgaaa	agaagctgct	ggaattgaga	acagaaatag	720
tggcattgca	tgcccagcaa	gatcggggccc	ttacccagac	agacaggaag	atcgaaactg	780
agggttgctgg	cctcaaaaacc	atgcttgagt	cacacaagct	tgataatatt	aaatattttag	840
caggggtctat	atttacgtgc	ctaacagtag	ctctgggatt	ttatcgctg	tggatctaata	900
aaagtgtcta	tttaaagtga	tttctactgt	tttgccttaa	gaataccaga	ttgttggctg	960
ggtgcgggtgg	tctctaactc	ctgacctcgt	gattcacccg	ccttggtctc	ccaaagtggg	1020
gggattacag	gcgtgagccg	ctgcgcctgg	cccattctca	tcttattcaa	attactggca	1080
catgggcaag	agagacaatg	acatggatag	aagcttttct	gcctttctct	gcacacacat	1140
acagtgaagg	aacc					1154

<210> 8520

<211> 2216

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2119)...(431)

<223> similar to gi5764543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8520						60
tttttttttt	ttcattttctt	aactgaaaat	atattttcac	agaaacaaca	aagcaaaggg	120
gataaaaaaca	atagcgacca	gaaaagctaa	cttaggtgaa	tgggtgccact	caaaggtctt	180
tccgaggggaa	gctcagtcct	ggcttgcgag	agtcagcctt	ggctcacctc	ataacggggc	240
tccaagctaa	ggcgtcaagg	aagcagtcct	actgcttctc	gctgtcagca	agaccacaag	300
gcagatgccc	actgctgtcc	tctttccttg	tctactttct	catctaagtg	tcgtaagaca	360
gccttgcaact	ggtccctgag	taacagagca	gctgtcatga	gcacaggctc	attttatccg	420
agagcattct	tatctttgag	agaaatgaga	atatgacaag	gagaactaaa	cagcagcagg	480
cctagcctca	gcagcctttc	tgagtgatgt	ctagtcctga	cgactttgtg	atttccaaaag	540
tcgtgaacac	ctccccacat	gtgggggtgaa	ttccaatggg	gtcatcaagt	agctgttttg	600
tgagcccaca	tttcattgca	gctgcaaate	cttgggtaac	ctcacgggcg	tttggtccaa	660
gaatatgaaa	tcctatcacc	cgatcatggg	cgaattttat	gcagattatc	tttgcgtaac	720
aagtgttggt	ctctctgcc	gctactgtcc	attcaagagg	ccagaacaaa	gtatgatata	780
tttctagatt	ctctttttta	tatacttcaa	tagctttctc	ttcagataat	ccacagcaac	840
catactccag	aggagtaaac	actgtagtcg	gaacattaat	ataatcacac	ttttctaaag	900
aggccccaaa	aagtctctga	gctagcagct	tgctgactg	tatggcgaca	gaagtgaact	960
caaactttac	ctccaaaata	tcaccaacag	catagacata	tggcacattg	gtctgttcca	1020
catcattttac	aggtattttt	ccactcttct	cattaatttt	gacaccaate	ttctccaagc	1080
ctatttttct	tgtacaggag	tcacgaccaa	tagctaacaa	aactgtgtta	tagactcctt	1140
caattgtttc	tgttccttca	gtggatttag	ccaacacttt	cagctttcca	ggtgaacctt	1200
tctccaactg	ttgaaccatc	acagggtatga	atttccgtag	gaacttcaca	ccatgctgct	1260
ccatgtagga	acccactttt	tctgccattt	cttggctgaa	gccacggaga	aggattgagc	1320
gtaccataac	tgtgacatct	aggccaaagc	cagccagaaa	ccctgcacac	tccagggcaa	1380
cataagaggc	acccaccact	aatgttttgc	cagggcaata	aggcagagaa	aaaagggtcat	1440
cactagtaat	acagtattct	ttatctcctt	ggattcctaa	ataccgtggc	ctttcacccg	1500
ttgctatgac	aaactgtgca	gcagtataat	aagtctcctg	tcctttttta	ttggttgctt	1560
ttattttatg	atgttcaaca	aattctccat	aggaattgac	ataggccaca	gccttttccc	1620
tcagagacaa	cctgtagccc	cagtttagag	agctgatgtg	gttctgaatc	gcttttgtca	1680
ttgtctccca	gttgtgcctc	acttgttgat	tatattccca	gccaaatttc	cttgagtcac	

ataatgcctg	ccccaaaagg	gcagcctgat	gcatcaat	cttaggaata	caacctacat	1740
ttacacaagt	gccaccaaga	cccaggatg	tgccctgagg	tgacgggaca	acaaagtcta	1800
gcaccataac	tttctttccc	aaaatggcag	cttccttcgc	acatgaaagg	cctccagaac	1860
caccaccgat	gatgatgaga	tcataatcat	atgccaaatc	ttcctgaagg	agcttctgta	1920
acaaaccact	ctgatatgcc	tggaaagttt	ggtcacatcc	acctacatgc	actttattca	1980
cgaaaatatt	gggcacagtt	ttctgattag	tgattttctga	cagcacttct	tgaaccctgg	2040
ccccatcatc	aacttgatca	agttccaaga	cattacattc	gactcccaaa	gaagaaaaga	2100
gttcttttcac	cttgctgggc	tccagcgtcc	tcgagcagca	ggagcaggac	aagtaagagc	2160
aggaggaaca	gaggcatgga	gaaggaggag	gagttggagc	agggagggag	ggagcg	2216

<210> 8521
 <211> 658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (408)...(236)
 <223> similar to gi5726235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8521						60
cctttttttt	tttttataaa	tatatgtata	tattttat	acattatata	catggcatat	120
ctatacagtt	acattttacac	ttgacttaga	gtcaaagtca	tatacacaca	cacaggactt	180
ggactcaaa	ctttttaatga	caagcatgca	aaatttctta	gtatagaccc	taagagtacc	240
cttaataata	gtatgtttat	ttaaaaattc	tatgtatcta	ctactgttac	caggggggtcc	300
ttgctcccag	agctcccaag	atgggtggtg	gccacttcca	agatggtggc	aggccacttc	360
caaaatggtg	gcaagcctca	tgttctctga	cctgggggttc	ttggcctcac	agattccaag	420
gaatggaatc	ttgggccatg	cggtgagtgt	tatagctcta	ttagaagtcg	tgggtcacgg	480
aagagaaccg	tggaaccag	tgactagtgt	tcagctcgat	taggacaaac	ccaggcactt	540
agccgtaccg	gaacaatggc	aagcctttag	cccgatcggg	agtggcaatg	ggcgcatggc	600
tgcacagga	gcacagcgga	caccctgcc	gatctggagg	gatggaagtc	agtggtaggt	658
ctgcaatggt	ggcaaacagc	agtgggtggat	ggcgagcgaa	agctcagctc	gagctgta	

<210> 8522
 <211> 1260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (165)...(825)
 <223> similar to gi5817053 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8522
gtggcggtac agacactttt aactcacagt aaaagcaaaa gcaacagctc aagcagcctc 60
cttggagaaa acctgaaaat tcaacttggt caagagaagg tcttgtagct gcctaagttc 120
tagagcctcc tgacgtgagc atggctgaga gtgaggaccg ctccctgagg atcgttctgg 180
tagggaaaaac tggaagtggg aaaagtgcaa cagcgaacac catccttgga gaggaaatct 240
ttgattctag aattgctgcc caagctgtta ccaagaactg tcaaaaagca tcccgggaat 300
ggcagggggag agaccttctt gttgtggaca ctccagggct ctttgacacc aaggagagcc 360
tggacaccac ctgcaaggaa atcagccgct gcatcatctc ctctgcccga gggccccatg 420
ctattgtcct agttctgctg ctgggcccgt acacagagga ggagcagaaa accgttgcat 480
tgatcaaggc tgtctttggg aagtcagcca tgaagcacat ggcatcttg ttcactcgca 540
aagaagagtt ggagggccag agcttccatg acttcatagc agatgcggat gtgggcctaa 600
aaagcatcgt caaggagtgc gggaaccgct gctgtgcctt tagcaacagc aagaaaacca 660
gtaaggcaga gaaggaaagt caagtgcagg agttggtgga gctgatagag aaaatggtgc 720
agtgaacga aggggcttac ttttctgatg acatatacaa ggacacagag gaaaggctga 780
aacaacggga agaggttttg aggaaaatct acactgacca attaaatgaa gaaattaaac 840
tagtagaaga ggataagcat aaatcagagg aaaaaaagga gaaagaaatt aaattgctaa 900
aattaaaaata tgatgaaaaa ataaaaata taagggaaga agctgagaga aatatattta 960
aagatgtttt taataggatt tggaagatgc tttcagaaat atggcatagg tttttgtcga 1020
aatgtaagtt ttattcttcc taatttactg tgatttggtta atggatgaat tgtattttgc 1080
aaagatagtt agagaaatac ctcttcccc ttagctttat taaggatatca ttgataaata 1140
aaaataaaat atgtttaatg tatataatgt gattttttaa tatatatata tatatatata 1200
tacacacaca ttgtgaaata atgaaataaa ggtaattaac acatctaaaa aaaaaaaaaa 1260

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<210> 8523
<211> 2405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (19)...(1518)
<223> similar to gi4558638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8523
tcccgggtcg acgttttcgtt ggcgatggcg gagggcgaga ggactgagtg tgctgagccc 60
ccccgggacg aacccccggc tgatggagct ctgaagcggg cagaggagct caagactcag 120
gccaatgact acttcaaagc caaggactac gagaacgcca tcaagttcta cagccaggcc 180
atcgagctga accccagcaa tgccatctac tatggcaacc gcagcctggc ctacctgccc 240
actgagtgtc atggctacgc gctgggagac gccacgcggg ccattgagct ggacaagaag 300
tacatcaagg gttattaccg cggggtgcc agcaacatgg cactgggcaa gttccggggc 360
gcgctgcgag actacgagac ggtggtcaag gtgaagcccc atgacaagga tgccaaaatg 420
aaataccagg agtgcaacaa gatcgtgaag cagaaggcct ttgagcgggc catcgcgggc 480
gacgagcaca agcgctccgt ggtggactcg ctggacatcg agagcatgac cattgaggat 540
gagtacagcg gacccaagct tgaagacggc aaagtgacaa tcagtttcat gaaggagctc 600
atgcagtggg acaaggacca gaagaaactg caccggaaat gtgcctacca gattctggta 660
caggtcaaag aggtcctctc caagctgagc acgctcgtgg aaaccacact caaagagaca 720
gagaagatta cagtatgtgg ggacacccat ggccagttct atgacctcct caacatatct 780

```


gagctcaacg	gtttaccctc	ggagaccaac	ccctatatat	ttaatggtga	ctttgtggac	840
cgaggctcct	tctctgtaga	agtgatectc	acccttttctg	gcttcaagct	cctgtaccca	900
gatacatttc	acctccttcg	aggcaaccac	gagacagaca	acatgaacca	gatctacggt	960
ttcgaggggtg	aggtgaaggc	caagtacaca	gccagatgt	acgagctctt	tagcgagggtg	1020
ttcgagtggc	tcccgttggc	ccagtgcata	aacggcaaag	tgctgatcat	gcacggaggc	1080
ctgttcagt	aagacggtgt	caccctggat	gacatccgga	aaattgagcg	gaatcgacaa	1140
ccccagatt	cagggcccat	gtgtgacctg	ctctggctag	atccacagcc	acagaacggg	1200
cgctcgatca	gcaagcgggg	cgtgagctgt	cagtttgggg	ctgacgtcac	caaggccttc	1260
ttggaagaga	acaacctgga	ctatatcatc	cgcagccacg	aagtcaaggc	cgagggctac	1320
gaggtggctc	acggaggccg	ctgtgtcacc	gtcttctctg	cccccaacta	ctgcgaccag	1380
atggggaaca	aagcctccta	catccacctc	cagggctctg	acctacggcc	tcagttccac	1440
cagttcacag	cagtgcctca	tcccaacgtc	aagcccatgg	cctatgccaa	cacgtgctg	1500
cagctaggaa	tgatgtgagg	tgacgggcgg	ggcggcctgc	atcccagggc	ccctccaatc	1560
ccaccggacc	caggccctgg	gctaggggca	gagcaggccc	cgccccaggg	caatgttgga	1620
ccccctttta	ctttgtaaaag	tttgtattta	ttccccttta	ggtttgacaga	gggggtaggg	1680
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ggccgagtgg	ctgccttgcc	cccctcattt	gcattggctc	tccccactc	aagcaatagg	1860
gccccgccat	aggaagacc	ccagagagag	ggtcagcagg	ggggccccgc	ctgcgcctcc	1920
cctcctatag	ccccatgggtg	gggctaggct	ggggctcacc	cccctcccca	gctattttat	1980
gtctgttaatt	aaatatgtta	aaataaagtc	attatcgga	gtcagcttgt	ctctggatgg	2040
tggagccgaa	ggagctgccc	gggttggggt	acgcctgctc	aggagatccg	gaggggtggg	2100
aggccgcaaa	gtcccgctgg	ccggggccac	ccagctctgg	gctgaccgcc	caagtggcct	2160
ctgcctctgc	ccagcaccgt	gggctcctgg	ggagagtctt	gccccctggg	tggggcgatg	2220
aggccagcac	tgagtggagc	ggagcggaag	ctgaggcata	gcctcatcct	ttgctggctc	2280
cagcaacaag	catgacagt	ccgctccctg	ctccctgctc	agggtaggcc	cagcagtggg	2340
tcttgacatc	acacgatgag	gcgcgcattc	cccgggaattc	caccacgtgg	tctagggctg	2400
tcaat						2405

<210> 8524

<211> 2182

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2183)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (43)...(1697)

<223> similar to gi3901030 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8524

agccacctc	aggtgccttc	tcgccggcct	tcctcaccca	ccatgtctctg	gcagtcctcc	60
atcaccttcc	agtctggcag	ccgcaggggc	ttcagcacca	cctcggccat	caccccgga	120
gctggccgct	cccgtttcag	ctctgtctct	gtggcccgtc	ctgcagcagg	gagtgggggc	180
ctgggaagga	tcagcagtgc	tggggccagc	tttgaagcc	gcagcctcta	caacctgggg	240

gggtgccaa	gc	gggtctccat	caatgggtgt	ggcagcagct	gccgaagtgg	ctttgggtggc	300
agggccagca	acgggttttg	agtcacacagt	ggattttggct	atgggggtgg	agttggagga		360
ggcttcagtg	gccccagctt	ccccgtgtgt	ccccctggag	gcacccaaga	ggtcactgtc		420
aaccagagtc	tcctgactcc	tcttcacctg	caaatcgacc	ccaccatcca	gcgggtgcgg		480
gccgaggagc	gcgagcagat	caagaccctc	aacaataagt	tcgcctcctt	catcgacaag		540
gtgaggttct	tggagcagca	gaacaaggtc	ctggagacca	agtgggccct	cctgcaggag		600
cagggctcca	ggactgtgag	gcagaacctc	gagccccctt	ttgattccta	taccagttag		660
ctccgacggc	agctggaaa	catcaccacc	gagaggggca	ggcttgaagc	tgaactgagg		720
aacatgcagg	atgttgtgga	agatttcaaa	gtcaggtacg	aagatgaaat	taacaagcgc		780
acagctgctg	agaatgaatt	tgtagccctg	aaaaaggacg	tagatgctgc	ctatatgaac		840
aagggtggagc	tggaagccaa	ggtcaaattc	ctgcccagg	agatcaactt	catccactca		900
gtctttgatg	cagagctgtc	ccagttgcag	acccaggtcg	gtgacacatc	cgtggtgctg		960
tccatggaca	acaaccgcaa	cctggacctg	gatagtatca	tcgccgaggt	caaagcacia	1020	
tacgaggaca	ttgccaaccg	cagccggggc	gaggtgagt	cctggtacca	gaccaagtac	1080	
gaggagctgc	aggtcaccgc	aggcagacat	ggggatgacc	ttcgaaacac	caaacaagag	1140	
atctctgaaa	tgaaccgcat	gatccagagg	ctgagagctg	agattgacag	cgtcaagaag	1200	
cagtgttcca	gcttgcaaac	ggccattgct	gatgcagagc	agcggggaga	actggctctc	1260	
aaggatgcac	gggccaaagt	ggtggacctt	gaggaggccc	tgcagaaggc	caagcaggac	1320	
atggctcggc	tcctgcgtga	gtaccaggag	ctgatgaaca	tcaagctggc	cctggacgtg	1380	
gagatcgcca	cctaccgcaa	gctgctggaa	ggcgaggagt	gcaggttgag	tggagagggg	1440	
gtttctccag	ttaacatttc	tgtggtcacc	tctactcttt	ccagtggcta	tggtcgcggc	1500	
agcagcattg	gaggtggaaa	cctggggcctc	ggtgggggca	gcggctactc	cttcaccacc	1560	
agtgggtggc	atagcctggg	tgcaggcctg	ggaggttctg	gattcagtgc	caccagcaac	1620	
cggggcttag	ggggcagtg	ttctagcgtc	aagtttgtct	ccaccacatc	ctccagccag	1680	
aagagctaca	cgcactaaga	gagccccatg	gtccctctc	ccctgccttg	aggcctgttt	1740	
gcagtcacac	ctggacacca	gggtcctcct	ccttcctctc	tccttgtaag	gtgcacctgt	1800	
gctgctggga	gcctggagta	ctggctatac	ccattcccag	gcctaagcca	gcctctccct	1860	
cctgacagt	cccagactgc	cagcagcacc	cgtctgttac	acatgtgaaa	ccaaagcctg	1920	
ctctctccca	aggctctcat	tcagcctatc	ttgcgaggcc	cgggcagctg	gaaagtccct	1980	
ctccagctcc	acctccctcc	ctccctccag	atgcagaggc	tggggagtct	ctcaatgcc	2040	
ggttgctacc	cactgtctc	atagtgttta	taagtggcct	gctgggagt	agtgtccct	2100	
ctgttccctc	cctggaatgt	gtctattaaa	tgcattgtgc	acctgtttgg	tgtctggccc	2160	
ttccnnana	anaaaaaaaa	aa				2182	

<210> 8525

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (348)...(519)

<223> similar to gi403018 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8525

tttcgtgcgg	cggcgagagc	gacgggtccca	tctttccccc	cctcttggtt	gccgctggcc	60
acacgccctc	cgctggcggc	gacttctcag	ctccgtgcgc	ccgggctgga	cagtgaacct	120
cgagaggaga	tgcgggcggc	tagagccgga	gtggggcgag	ccgcggaacc	cggccgggag	180
ccgcgcgagg	cgtgatcgga	gggtatgggt	ggcatggaat	tgaatttcat	ctgtctgtgg	240

gaattgtaag	caagattgcc	atcacgaaag	ccaaagtgga	tttctccagt	gtggtgtgcc	300
tgcccccttc	cgtcattgct	gtgaatgggc	tggacggagg	aggggcccgc	gaaaatgatg	360
atgaaccagt	gctcgtgtcc	ttatctgcgg	caccagtgcc	ccagagtga	gctgttgcca	420
atgaactgca	ggagctctcc	ttgcagcccc	agctgaccct	aggcctccac	cctggcagga	480
atcccaattt	gcctccactt	agtgagcgga	agaatgtgct	acagttgaaa	ctccagcagc	540
gccggacccg	ggaagaactg	gtgagccaag	ggatcatgcc	gc		582

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<210> 8526
<211> 1272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(859)
<223> similar to gil086626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8526						
agcgctgccg	tccggaggcg	ctccgaggtt	cgaggctgtg	ccccgcgacc	ccgccttcgg	60
cgctcggttc	gcaggatgga	tcccgtaccc	gggacagact	cggcgcgct	ggctggcctg	120
gcctggctgt	cggcctctgc	acccccgccg	cgggggttca	gcgcgatctc	ctgcaccgtc	180
gagggggcac	ccgccagctt	tggcaagagc	ttcgcgcaga	aatctggcta	cttcctgtgc	240
cttagttctc	tgggcagcct	agagaacccg	caggagaacg	tgggtggcca	tatccagatc	300
gtggtggaca	agagccccct	gccgctgggc	ttctcccccg	tctgcgaccc	catggattcc	360
aaggcctctg	tgtccaagaa	gaaacgcatg	tgtgtgaagc	tgttgccccct	gggagccacg	420
gacacggctg	tgtttgatgt	ccggctgagt	gggaagacca	agacagtgcc	tggatacctt	480
cgaatagggg	acatgggcgg	ctttgccatc	tgggtgcaaga	aggccaaggc	cccgaggcca	540
gtgcccgaagc	cccagggtct	cagccgggac	atgcagggcc	tctctctgga	tgcagccagc	600
cagccaagta	agggcggcct	cctggagcgg	acagcgtcaa	ggctgggctc	tcgggcatcc	660
actctgcgga	ggaatgactc	catctacgag	gcctccagcc	tctatggcat	ctcagccatg	720
gatggggttc	ccttcacact	ccaccacaga	tttgagggca	agagctgcag	ccccctggcc	780
ttctctgctt	ttggggacct	gaccatcaag	tctctggcgg	acattgagga	ggagtataac	840
tacggcttcg	tgggtggagaa	gaccgcggct	gcccgcctgc	cccccagcgt	ctcatagtcc	900
ctcacccttc	cgcggaagaa	gcccccttac	tccacctccc	cgccagcctg	gggccacccc	960
ccctcactgc	atcctggggg	gccaccccc	ctcactgcat	cctggggcca	ccccccctca	1020
ctgcatcctg	ggaaccttcg	ccctgcaagg	cgtttgctat	cttcaagcca	ctgggcggag	1080
ctgcagccct	ggaggagggg	gcgggtcgag	gctgcgtggg	gatgggggtct	ccgccccac	1140
gccctgccgg	gcagggtctg	agctggacag	aagccagtgc	ctttaagtca	tttgtgtcaa	1200
aacctctctg	ggtccggagg	ctgtgcgggt	gtcctcctgg	caataaacac	taccgggttc	1260
tcaaaaaaaaa	aa					1272

```

<210> 8527
<211> 805
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (718)...(192)
 <223> similar to gi609013 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8527
 ttttattttt agatttttta attttcaaca aattgaacat ttacaacatt gttacaactg 60
 agaacattga caacacaggg attttcaaca gtagcattt agcaaggatt tttttcagaa 120
 gaaaacaaaa tgtagtaca ttttgattt catagcattg ctctgtggaa aattagctgg 180
 catccatttt aaatgaaccc tgtagcattt cttccattcc gtggcctgaa taaaaaatat 240
 cctcgacttt gacttgcaaa gggacttttg aattcttctg ccactctgaa tctcttcatt 300
 cttctctcat gcaggtgagg aacgagctgc agcaacggat gcacaactga cgacacaaca 360
 tttgacttgc ccaacttctg tgtcttcgaa taatgaaata agaacccttt agtattatct 420
 ttttcatctt gttcctgagg ctttggttagc attcccataa tcataaagca aagctcctcc 480
 agtgcggttg atgcctgagg ctgagaatca atggacagaa aagacgaaca agtatcatct 540
 atctcattcc acaactgtag ctgttggttca ggctgtaatc cttgaggtaa tattggagca 600
 cctcggcagg cgcccgcgca ccaggcgagc agcagcagca gcagcaggag cggggacgcc 660
 tcggccacct gtccggcggg cgacctgggg cggcagctct ctgttcgcag catctcggcg 720
 gctgcgggag gctcggtgct agggacgctg cgctgcgcca cgcgtagctg gtgctccacc 780
 tgggtgccctg gctgtgcctc ggggac 805

<210> 8528
 <211> 5616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5550)...(3831)
 <223> similar to gill155088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8528
 gccccgcgcc ggcgcgcgcc gctctcctag tcccttgcaa cctggcgctg catccggggc 60
 actgtccagc gtcccgagtc ccggcccgga gctatggagc ggcgctggcc cctggggcta 120
 gggctggtgc tgctgctctg cgccccgctg cccccggggg cgcgcgccaa ggaagtact 180
 ctgatggaca caagcaaggc acaggagagc ctgggctggc tgctggatcc cccaaaagat 240
 gggtaggagt aacagcaaca gatactgaat gggacacccc tctacatgta ccaggactgc 300
 ccaatgcaag gacgcagaga cactgaccac tggcttcgct ccaattggat ctaccgcggg 360
 gaggaggctt ccgcgctcca cgtggagctg cagttcacgc tgcgggactg caagagtctc 420
 cctgggggag ccgggcctct gggctgcaag gagaccttca accttctgta catggagagt 480
 gaccaggatg tgggcattca gctccgagcg cccttggtcc agaaggtaac cacgggtggc 540
 gcagacccag agcttcacca ttcgagacct tgcgtctggc tccgtgaagc tgaatgtgga 600
 gcgctgctct ctgggcgcgc tgaccgcgcg tggcctctac ttcgcttttc cacaaccg 660
 gtgcctgtgt ggcctggtg tctgtccggg tcttctacca gcgctgtcct gagaccctga 720

atggccttggc	ccaattccca	gacactctgc	ctggccccgc	tgggttggtg	gaagtggcgg	780
tgacctgctt	gccccacgcg	cgggccagcc	ccaggccctc	aggtgcaccc	cgcctgcact	840
gcagccctga	tggcgagtgg	ctggcgcttg	taggacggtg	ccactgtgag	cctggctatg	900
aggaaggtgg	cagtggcgaa	gcatgtgttg	cctgccctag	cggctcctac	cggatggaca	960
tggacacacc	ccattgtctc	acgtgcccc	agcagagcac	tgctgagtct	gagggggcca	1020
ccatctgtac	ctgtgagagc	ggccattaca	gagctcccgg	ggagggcccc	caggtggcat	1080
gcacaggtec	cccccgggc	ccccgaaacc	tgagcttctc	tgccctcagg	actcagctct	1140
ccctgcgttg	ggaaccccc	gcagatacgg	ggggacgcca	ggatgtcaga	tacagtgtga	1200
ggtgttcccc	gtgtcagggc	acagcacagg	acggggggcc	ctgccagccc	tgtgggggtg	1260
gcgtgcactt	ctcgccgggg	gccccggcgc	tcaccacacc	tgacgtgcac	gtcaatggcc	1320
ttgaacctta	tgccaactac	acctttaatg	tggaaagccc	aaatggagtg	tcagggtctg	1380
gcagctctgg	ccatgccagc	acctcagtc	gcacacagcat	ggggcatgca	gagtcactgt	1440
caggcctgtc	tctgagactg	gtgaagaaag	aaccgaggca	actagagctg	acctgggctg	1500
ggtccccggc	ccgaagccct	ggggcgaaacc	tgacctatga	gctgcacgtg	ctgaaccagg	1560
atgaagaacg	gtaccagatg	gttctagaac	ccagggtctt	gctgacagag	ctgcagcctg	1620
acaccacata	catcgtcaga	gtccgaatgc	tgacccctct	gggtccctgg	cctttctccc	1680
ctgatcatga	gtttcgagcc	agccccaccg	tgtccagggg	cctgactgga	ggagagattg	1740
tagccgtcat	ctttgggctg	ctgcttggtg	cagccttgct	gcttgggatt	ctcgttttcc	1800
ggtccaggag	agccccagcg	cagaggcagc	agaggcagcg	tgaccgcgcc	accgatgtgg	1860
atcgagagga	caagctgtgg	ctgaagccct	atgtggtacc	tccaggcata	cgaggacctt	1920
gcacagggag	ccttggaactt	taccgggagg	ctggtctaat	tttccctccc	gggagcttga	1980
tccagcgtgg	ctgatggtgg	acactgtcat	aggagaagga	gagtttgggg	aagtgtatcg	2040
agggaccttc	aggctcccca	gccaggactg	caagactgtg	gccattaaga	ccttaaaaga	2100
cacatcccca	ggtggccagt	ggtggaactt	ccttcgagag	gcaactatca	tgggccagtt	2160
tagccacccg	catattctgc	atctggaagg	cgctcgtcaca	aagcgaaagc	cgatcatgat	2220
catcacagaa	tttatggaga	atggagccct	ggatgccttc	ctgagggagc	gggaggacca	2280
gctggtccct	gggcagctag	tgggcatgct	gcagggcata	gcacctggca	tgaactacct	2340
cagtaatcac	aattatgtcc	accgggacct	ggctgccaga	aacatcttgg	tgaatcaaaa	2400
cctgtgctgc	aaggtgtctg	actttggcct	gactcgcttc	ctggatgact	ttgatggcac	2460
atacgaaacc	cagggaggaa	agatccctat	ccgttgagca	gcccctgaag	ccattgcccc	2520
tcggatcttc	accacagcca	gcgatgtgtg	gagctttggg	attgtgatgt	gggaggtgct	2580
gagctttggg	gacaagccct	atggggagat	gagcaatcag	gaggttatga	agagcattga	2640
ggatgggtac	cggttgcccc	ctcctgtgga	tgccctgcc	cctctgtatg	agctcatgaa	2700
gaactgctgg	gcatatgacc	gtgcccgcg	gccacacttc	cagaagcttc	aggcacatct	2760
ggagcaactg	cttgccaacc	cccactccct	gcggaaccatt	gccaactttg	accccagggt	2820
gactcttcgc	ctgcccagcc	tgagtggctc	agatgggac	ccgtatcgaa	ccgtctctga	2880
gtggctcgag	tccatacgca	tgaaacgcta	catcctgcac	ttccactcgg	ctgggctgga	2940
caccatggag	tgtgtgctgg	agctgaccgc	tgaggacctg	acgcagatgg	gaatcacact	3000
gcccggggac	cagaagcgca	ttctttgcag	tattcaggga	ttcaaggact	gateccctct	3060
ctcaccccat	acccaatcag	ggtgcaagga	gcaaggacgg	ggccaaggct	gctcatggct	3120
actccctgcg	ccccctccca	caacctgcc	gactaggcta	tcgggtgctg	ttctgcccac	3180
tttcaggaga	acctgtctct	gcaccccaga	aaacctcttt	gttttaaaag	ggaggtgggg	3240
gtagaagtaa	aaggatgatc	atgggaggga	gctgaggggt	taatatatat	acatacatat	3300
acatatatat	atttttgtaa	ataaacagga	actgattttc	tgccctccatc	ccacccatga	3360
gggctgcagg	cactacaaaa	gagctgacta	ctgagaattc	tggaataaat	ggtttttttt	3420
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ctcccagccc	tccgcaagca	gagtacaaag	gctgctcggg	gggccagccg	agggcgcggg	3540
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acgggtgggca	atccctgcag	gatgggcgag	gaccagaccc	cagggcgggg	atcctgcac	3660
cctagaccat	gttgggtcct	gggtcagggc	acctgggatg	ctagggaggg	gttggaatgt	3720
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cagagcagac	ggagcacctc	ggggcgtagt	gcttgtggta	gtcggggaca	cagtggggcc	4080
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cctccagact	gtagaactgc	tgccctgga	gctgctgcg	acactggtgg	cagggtgaagc	4320
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gatggcatcg	gccgcagagt	tcgttgacag	ccacattctg	cctctgagga	tgctccatgt	4440
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cctcaggccc	tccctcctcc	tccggaggag	gcggcgggga	agggaagatc	tcctcctcca	5220
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gagcaccctc	tgcatcgctg	ccatccccag	caaggggagg	tggaggcagg	ggaaagtctt	5340
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ccgggggagg	ctcgctgtcc	ccgggcccga	agggattcac	tttgggcttt	ggggccacca	5460
cagggccgaa	cttcttctgc	ggggcgtaaa	aagccggagc	cgagaccgaa	acggagatcg	5520
cgggagacgg	gcggggggcc	gccatggccg	ggccgggctg	cgcaggccgg	agcgtgcgcg	5580
ccgcgtctcg	ggtggccgcc	tcggcgccgg	gtccgcg			5616

<210> 8529

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(246)

<223> similar to gi963092 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8529

agagcgaaca	gggagcggag	cttttgtctg	tcggactccc	tggaactgaag	agagggagaa	60
tagaagccca	agactaatat	tctcaagacg	gtttattacc	cacaactctt	tgtctgggtc	120
agtcaagaac	catttccaaa	caaggacatg	gaggggaaggc	ttcctaaggg	aaaacttcct	180
gacccaaagg	aagggaaccg	caagaaaaac	gatgagacaa	acgctgcctc	cctgactcca	240
ctttttttaa	tcggaacacc	tccatttgta	ttacatatgg	tgtatgggta	ttgatgaggt	300
catggtatca	tatatgggat	tttttcttgt	gtaaatcatc	aagtataatg	aagaaactat	360
gggactcttg	g					371

<210> 8530
 <211> 2059
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (106)...(1181)
 <223> similar to gi4827159 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8530
acgatccccga gctcggcagc agcgacgcgg gccggccac ctgctgggtgc cctggaggct      60
ctgagccccg gcggcgcccc ggcccacgcg gaacgacggg gcgagatgcg agccaccct      120
ctggctgtctc ctgcggttc cctgtccagg aagaagcggg tggagttgga tgacaactta      180
gataccgagc gtcccggtcca gaaacgagct cgaagtgggc cccagcccag actgcccccc      240
tgccgtgttg ccctgagccc acctactgct ccagatcgtg caactgctgt ggccactgcc      300
tcccgctctg ggcctatgt cctcctggag cccgaggagg gcgggcgggc ctaccaggcc      360
ctgcaactgcc ctacaggcac tgagtatacc tgcagggtgt acccgcgtcca ggaagccctg      420
gccgtgctgg agccctatgc gcggctgccc ccgcacaagc atgtggctcg gccactgag      480
gtcctggctg gtaccagct cctctacgcc ttttccactc ggaccatgg ggacatgcac      540
agcctgggtg gaagccgcca ccgtatccct gagcctgagg ctgccgtgct cttccgccag      600
atggccaccg ccctggcgca ctgtcaccag cacggtctgg tcctgcgtga tctcaagctg      660
tgtcgctttg tcttcgctga ccgtgagagg aagaagctgg tgcggagaa cctggaggac      720
tcctgcgtgc tgactgggccc agatgattcc ctgtgggaca agcacgcgtg cccagcctac      780
gtgggacctg agatactcag ctcacgggcc tcatactcgg gcaaggcagc cgatgtctgg      840
agcctgggcg tggcgctctt caccatgctg gccggccact accccttcca ggactcgga      900
cctgtcctgc tcttcggcaa gatccgcgcg ggggcctacg ccttgccctg aggcctctcg      960
gcccctgccc gctgtctggt tcgctgcctc cttcgctcgg agccagctga acggctcaca     1020
gccacaggca tctcctgca cccctggctg cgacaggacc cgatgccctt agccccaacc     1080
cgatcccata tctgggaggc tgcccagggt gtccctgatg gactggggct ggacgaagcc     1140
aggggaagagg agggagacag agaagtgggt ctgtatggct aggaccaccc tactacacgc     1200
tcagctgcca acagtggatt gagtttgggg gtatgtccaa gccttctcct gcctctgaac     1260
tgagccaaac cttcagtgc ttcagaagg gagaaaggca gaagcctgtg tggagtgtgc     1320
tgtgtacaca tctgctttgt tccacacaca tgcagtccct gcttgggtgc ttatcagggtg     1380
ccaagccctg ttctcggtgc tgggagtaca gcagtgagca aaggagacaa tattccctgc     1440
tcacagagat gacaaactgg catccttgag ctgacaacac tttccatga ccataggtea     1500
ctgtctacac tgggtacact ttgtaccagt gtcggcctcc actgatgctg gtgctcaggc     1560
acctctgtcc aaggacaatc cctttcaca acaaaccagc tgcctttgta tcttgtacct     1620
tttcagagaa agggagggtat ccctgtgcca aaggctccag gcctctcccc tgcaactcag     1680
gacccaagcc cagctcactc tgggaactgt gttcccagca tctctgtcct cttgattaag     1740
agattctcct tccaggccta agcctgggat ttgggccaga gataagaatc caaactatga     1800
ggctagtctt tgtctaactc aagactgttc tggaatgagg gtccaggcct gtcaaccatg     1860
gggcttctga cctgagcacc aagggtgagg gacaggatta ggcagggtct gtccctgtggc     1920
cacctggaaa gtcccagggt ggactcttct ggggacactt ggggtccaca atcccaggtc     1980
catactctag gttttggata ccatgagtat gtatgtttac ctgtgcctaa taaaggagaa     2040
ttatgaaata aaaaaaaaaa
  
```

<210> 8531
 <211> 2652

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (556)...(1288)
 <223> similar to gil665801 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8531
ccttcaagtc ctaaccttta acctctggaa gaaaggatga tgaccaagat ggaccccaat      60
gaccaggctc aaagggacat catatttgaa ctgaggagga ttgcatttga cgcagagtct      120
gacccatgca atgcccctgg gagggggacc gaaaaacgca aagccatgta cacaaaggac      180
tacaaaatgc tgggattttac caaccacatc aatccagcca tggactttac ccagactcct      240
cctggaatgc tggccttgga caacatgctg tacttggtta aagtccacca ggacacctac      300
atccggattg tcttgaggaa cagtagccgg gaagacaaac atgaatgccc ctttggccgc      360
agtgccattg agctcaccaa aatgctctgt gaaatcctgc aggttgggga actaccaaat      420
gaaggacgca atgactacca cccgatgttc tttacccatg accgagcctt tgaagagctc      480
tttggaaatc gcattccagct gttgaacaag acctggaagg agatgagggc aacagcagag      540
gacttcaaca aggttatgca agtcgtccga gagcaaatca ctcgagcttt gccctccaaa      600
cccaactctt tggatcagtt caagagcaaa ttgcgtagcc tgagttactc tgagattcta      660
cgactgcgcc agtctgagag gatgagtcag gatgacttcc agtccccgcc aattgtggag      720
ctgagggaga agatccagcc cgagatcctt gagctgatca agcagcagcg cctgaaccgg      780
ctctgtgagg gcagcagctt ccgaaaagatt gggaaaccgcc gaaggcaaga acggttcttg      840
tactgccggt tggcactgaa ccacaaggtc cttcactatg gtgacttgga tgacaaccca      900
caaggggagg tgacatttga atccctgcag gagaaaattc ctggttcaga cattaaggcc      960
attgtcactg ggaaagattg tccccacatg aaagagaaaa gtgctctgaa acagaacaag     1020
gaggtgttgg aattggcctt ctccatcctg tatgaccctg atgagacctt aaacttcctc     1080
gcaccttaata aatatgagta ctgcatctgg attgacggcc tcagtgccct tctggggaag     1140
gacatgtcca gtgagctgac caagagtgc ctggacaccc tgctgagcat ggagatgaag     1200
ctgcccgtcc tggacctgga gaacatccag attcccgaag cccaccccc catccccaa      1260
gagcccagca gctatgactt tgtctatcac tatggctgag cctggagcca gaaacgcagg     1320
taccaggagg aagggaattt gggcccagga gaaacactta cattctggtg ccttgtcttt     1380
tgcttgtaca gaatctgtag tgattttggt ggccagtaaa tgccagccat ttctcaaacc     1440
cacctcggac caccagagt ttctctcttg tccctgtcta ctaagagtca tgaaggcagg     1500
gtgctctgcc cactccatca ccatgaagcc tgggattggg ccacgaggaa caaacagcag     1560
atgcccttgc cttccagtc aagaaactgc ttcttgaaat ggatttaaca acagccactc     1620
accttttctt cctgagcctg ctctctgatc agctggatcc ccacgtgagc aacagttggc     1680
ccaggaaagg ctgcctgcag aggacaggtg tgttgggctg gttgagagcc ttgaagtgac     1740
tacctgtatc ttagatctga gtacaagcct gaggcttttg cttttgtctt ttttgatgag     1800
ggctcactcc agcttcatat ggtgccaaaga cgttgctgct tctgaggttg gctctaacta     1860
ctctgggtct tagagccacc agatctctct ggcccatata gatatcagag cagacggaaa     1920
tttctccctg caagcgtcca gtctcatccc agcaagtcaa agacctcctg gccaaagtcct     1980
gccctcttaa gtctccagga acgctgcagg gaaaacccag ctgaggcctg ggccctagact     2040
gtggtgaggt cactagattc tactgctctt ccccacatt aatacctttt ccttctcag      2100
agagaaatct cccctaacct gaattgcagc cccctccagt ttgctttctt ttggccttcc     2160
agaccccagg aagttggcct tcccttcta gtgctatggt ttctgccatt ggccatgatt     2220
tcagggagct ggctgaggcc ggctgaggcc acacctgtgc cagtggggct tccctgggtgc     2280
tgacagcact gtaaaccaca cacacagcct ctctccctgg acatacgtta gcacattggc     2340
attcagtatt ggtggccttg catggtaggt actaccaat gaagagtgtat ctatatattt     2400
tcattactat aggccatact tatacagacg tgtatatata tttatataag atctacctat     2460
cttaggatgg aaccttgggg aaaaataaaa ttgaggggaa gtaaaaagta tgtaacactt     2520
ccagttgtga gccaaagatt taaccagaga gcagccagga gcttcctgtc agtaaccatg     2580
ttttcaataa atactctttc atgtacaaaa aaaaaaaagg gggggccggt ttaaaggacc     2640
  
```



```

<210> 8532
<211> 3234
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3097)...(2527)
<223> similar to gi5777594 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8532
caaagggttc tttaaaaagg gcgccccttt tttttttttt tgattgtaaa tgttttaata      60
gaaatacaca atcttttcaact ttctcagaca gcaataaagg ggtttgtaac aatcactaag      120
aatacagaat tttgccacga ggatgcagca taatctactg caaagctgat ctgcccaatt      180
acacgtagtc agctgcaaga atatcagaaa tcaatacaaaa caagtattga caggtgttac      240
agacatgcaa aatatccttc aatgcaacga atttttaaga aatcagctag cctatattaa      300
tcagatgttt taggtcaaac caagtttcca tcttgggctc agtgaaatag tattaactca      360
ttgagtctcc tttccccagc gaatgttggg aatggcagaa cagaaagagc tatcactcct      420
taaattcttt tatgcaagtg ttactccaac acttatttta cttgggtttac ttggaatgta      480
tgagaggaaa ctgatgtttt ttacaatggc caactgtatg tctaaatddd cagttctcct      540
ttttgtgagt ttcttgccag aaatccttgt taaaggatca gcgggtgttc accccgaagt      600
tcttgctgtt ttcagtgtcc tactgcagac aggtttaaaa agccaactga acagcagcag      660
aatgaagtat ttttgaggtc tattcaaaaa tgtacagtcc caccactcac tagaacaagt      720
acacaagtaa atggactcag ccagtgcagg agatggaagg ctgccatddd ttatgtttgt      780
gcacagcctt acagtttgga ggtgtgtttg gcctactcta atattttctag tttgtcaaag      840
gctgtacact gttactgcca gtttgaccta catactgtgt tcccctttgga tccctgctac      900
catttggaac tegtgtgtgt gtgtgtgtat gtgtgtttgt gtgtgtgtgg tttggtttgg      960
tttgagacag ggtcttgcac tgtcacccca gctgcagtgc agtggcacia tctcggtcca     1020
ctgcagcctt gacctctga gctcaggatc ctcccatctc agcttcttga gtagctggga     1080
caacaggtgt gtgccatcac acccagctaa tttttttatt tttttagag ataggggtct     1140
cactacgttg cccaagctgg tcttgaactc ctggcttcaa gcgatgctcc cacctaggtg     1200
tcccaaagtg ctgggattac aggtgtgagc cacattcctg gctgagtttg gaacttgtaa     1260
tctcattgtt ttctaaataa tgtttcattt ttcttcagtg ttgaaaatag ttgatttact     1320
taagaatggc atgatcatga tgttccaaga ttctgattag tttctttcaa agcattctgc     1380
gcctcttcaa tgccacact gctgagcact ataataatag atgttgtag gccaaaggat     1440
gtcagatgta aaatatgttc tctagcccca ctcttagaaa tgttttatca atgactcagt     1500
ccacttgatt ttcaaaaagt caatgccatc ccattaaaca agtaaccctc taggtacaga     1560
ataattaatt cctgcctgag tcactttaac agccttctat agagtacat agtcttgctt     1620
tttttcacaa gcaatagctg aaaagaacaa atctcaactg taagaactgt cagtacattg     1680
tagggataaa gcactttttg aaaaaaaaat ctctggcatg tattagacag actgaacatg     1740
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ctctcatcag atatcaggaa tccatgtcat gcaagtacta caataagata acagtaaatt     1860
caggaatgtt actggggaaa aggaagatag cctcactgag aatttaatca tttaacatta     1920
aaaaaaacttt tacattgggt caagaaggta aaactgtaag aatcagatta ggctcaaact     1980
ggcaagaagc catctaaatc tttcttttta gtggatcttt tctttttttt gtccatagcg     2040
ccgtctgcgc tgtttataaa ggtgacgaaa atttatgtat aaacctaaaa atatcattat     2100
aagataaatc tgaagaaaaa aggaaaatct aactttgatt ttcactggat atggcaatgt     2160

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gaaactgaat	cgtccggtct	cattgaatat	tggaaatggac	tgaatcactg	agacagcttc	2220
cgccaaacat	cccagtggat	ataagggat	ccacagagt	taacgaagcc	atgtgagcac	2280
cttccaatcc	atgtcaatgc	acgtcagcat	gtagaaagag	tacctgaaa	tttcaattgc	2340
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tgacgtagt	actccaattg	ctgcattgat	agtttccaca	actgccagca	tctggcagaa	2520
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gaatcgcaca	gtcaggttga	caaagatcca	ggagaatccc	agaattgca	caagattata	2640
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tccgagttta	tttaggcgt	cttcttccct	agctctgagc	tccatttccg	catcagattc	2760
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gtctcctttg	gcaccatgtc	cttgagcttt	gaaatgcagc	acgttttccag	tgatgctgat	3000
ggcagggttc	tgtacgtcac	tcagctccac	gcgcagatat	agctcgcggt	gtcgtgagc	3060
ccagtagaca	tgccggtc	acacctgatt	ctccatggcc	acactgcccc	gggcgcgggg	3120
aggctaggct	cgctgcgcct	cgctgcctca	ggtagtgtct	tgctggcgcg	agcagaaagc	3180
aggcctcaaa	ccctagcgct	cctgagcgcc	tgcaaccg	cacctcgagc	cggg	3234

<210> 8533

<211> 3326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3005)...(2265)

<223> similar to gi2440074 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8533						
gctccagcct	ccaacgacta	aggctgcaag	gtcagacgag	aggcagaggc	cccagggccg	60
agtctgtag	tgaagactgt	ctgcacgatg	aactcctaga	aaaatagggg	cttctgctgc	120
tgagggtttg	tcagggttaac	gcggttaca	aagcaggggtc	accactgggt	gaagacatcg	180
acacggggcg	cactcgcccg	tgtgtgtatt	taaatctatc	agcttagcac	cattgcaaa	240
tcaagtgatt	tcaaagatag	ctacaaagtt	acaaatatat	attatgagat	tattacaatg	300
atattcagtt	tcattctgaac	tgtgatttaa	ttttatttga	atttggaggc	ttgtaactgt	360
ttaatccttt	cttattccgc	cacacaggaa	aatgcctaag	ttctaactgt	acacttaaaa	420
ctgcactgtg	ataacacacg	gttgtacaga	atgcttcagc	agtatgtgta	ttttgaggta	480
gacaggtaat	atatttcat	acacagctac	tcatagacct	ttatacagtg	actctagaaa	540
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tgggcttaaa	gaaagagatg	aattttgacc	aattcctaac	aaagaacttg	cttttgtttt	660
aaaaggcctt	acactgacaa	tcactcagat	ggaattaata	tgcatgtttt	tctcatccct	720
aagataagggt	ctcttgagct	gctttttatc	taaagaaagc	agaagaaaac	agcgaatttc	780
aagaaaaaaa	atctccaagg	tgggttggtt	cttgaaagc	ctgaatgggt	gccaaggacc	840
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cagcccggtg	gagaagacaa	tgacaactgc	aggacaacac	ctcaaccact	ccagaaaaca	960
gcccttgctc	ctcttctggt	ccttttcata	tttccaagtt	actgttttaa	aggaaaaaaa	1020
aaaatgtgtg	tgtggctgtt	tattctctaa	tgtgacaaaa	acatgaccat	ccgggaggag	1080
aggggctaac	ggtgcaacca	actgaggctg	aaacacagat	tcagctgaaa	tgcagcttct	1140

gcagagcggg	ggccggcttc	cctcctagcc	cttcagctgc	tcaccctgtc	cctgcagctc	1200
tgaaaaacgc	ccttccagta	agcggccaag	gagcacacga	gctcctccca	ccagcaaagg	1260
ggaaggggag	gccttggaca	gacggggcag	tgagtgtgtc	tgggcataag	cccgaagcca	1320
ccaccagcaa	atcctcccca	cggatgccag	gagagctctg	atcctaacca	ccaccacctc	1380
tcccttcagc	aaaatcaaaa	cagggaaaaga	aaacatagga	aaccaaacgg	cggcactcaa	1440
caatttgggg	gaacaagtaa	tttttaaaag	taagagttgt	tccgtaaacc	agcactgagc	1500
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ggccccgttt	ccagggctgg	gtgtgtcagc	cacaggtgag	cgacagttct	gagtgaagtcc	1620
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tggctctttt	tccattttct	gagcacgacg	cctggggctc	ctgctacatt	gtgacgcctg	3180
cggctctcggg	gtgcggggcg	agcaaggcgc	acgcgggggtc	cgcgccggag	gggggagggg	3240
gcgcccgtcc	ctctgggtcc	cccccaagag	gaggagaaaa	aagcccgtcc	ggcctcgtgc	3300
caagctggcg	tggatcatggt	catgcc				3326

<210> 8534

<211> 1486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (169)...(1055)

<223> similar to gil262329 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8534

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gcccagggga	agccatcccc	agacgcaggc	cctcatggcc	aggggagggg	gcaccaggcg	180
gccccctga	gcgacgtcc	ccatgatgac	gccacggga	acttccagta	cgaccatgag	240
gctttcctgg	gacgggaagt	ggccaaggaa	ttcgaccaac	tcaccccaga	ggaaagccag	300
gcccgtctgg	ggcggatcgt	ggaccgcatg	gaccgcgcgg	gggacggcga	cggctgggtg	360
tcgtggccg	agcttcgcgc	gtggatcgcg	cacacgcagc	agcggcacat	acgggactcg	420
gtgagcgcgg	cctgggacac	gtacgacacg	gaccgcgacg	ggcgtgtggg	ttgggaggag	480
ctgcgcaacg	ccacctatgg	ccactacgcg	cccgtggaag	aatttcatga	cgtggaggat	540
gcagagacct	acaaaaagat	gctggctcgg	gacgagcggc	gtttccgggt	ggccgaccag	600
gatggggact	cgatggccac	tcgagaggag	ctgacagcct	tcctgcaccc	cgaggagtgc	660
cctcacatgc	gggacatcgt	gattgctgaa	accctggagg	acctggacag	aaacaaagat	720
ggctatgtcc	aggtggagga	gtacatcgcg	gatctgtact	cagccgagcc	tggggaggag	780
gagccggcgt	gggtgcagac	ggagaggcag	cagttccggg	acttccggga	tctgaacaag	840
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cccttggggg	aagccaacca	cctgctgcac	gagagcgaca	cggacaagga	tgggcggctg	960
agcaaagcgg	aaatcctggg	taattggaac	atgtttgggg	gcagtcaggc	caccaactat	1020
ggcgaggacc	tgacccggca	ccacgatgag	ctgtgagcac	cgcgcacctg	ccacagcctc	1080
agaggccccg	acaatgaccg	gaggaggggc	cgctgtggtc	tggccccctc	cctgtccagg	1140
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ctgggtcggg	cttctgtccc	tgacacaccc	ccaacccag	ggaggggctg	tcatagtccc	1260
agaggataag	caatacctat	ttctgactga	gtctcccagc	ccagaccag	ggacccttgg	1320
ccccaagctc	agctctaaga	accgccccaa	cccctccagc	tccaaatctg	agcctccacc	1380
acatagactg	aaactcccct	ggccccagcc	ctctcctgcc	tggcctggcc	tgggacacct	1440
cctctctgcc	aggaggcaat	aaaagccagc	gccgggaaaa	aaaaaa		1486

<210> 8535

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(437)

<223> similar to gi510541 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8535

tcccggggggc	cccacgcgtc	cgtttggaaa	cccacccaga	acctttaccc	tctgacacca	60
tggtcagctc	ctgttgtggg	tcggtctgct	ctgaccaggg	ctgtggcctg	gagacctgct	120
gccgccccag	ctgctgtcag	accacctgct	gcaggaccac	ctgctgccgc	cccagctgct	180
gtgtgtccag	ctgctgcaga	ccccagtgtc	gccagtctgt	gtgctgccag	cccacctgct	240
gccgtcccag	ctgctgtccc	agctgctgtc	agaccacctg	ctgcaggacc	acctgctgcc	300
gcctagctg	ctgtgtatcc	agctgctgca	gaccccagtg	ctgccagtct	gtgtgctgcc	360
agcccacttg	ctgccgtccc	agctgcagca	tctccagctg	ctgtcgcccc	agctgctgtg	420
tgtccagggtg	ctgcagggtcc	cagcgctgc				449

<210> 8536
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(217)
 <223> similar to gi512031 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8536
ctccaccctc tgcagccatg gtcagctcct gctgtggctc tgtctgctct gaccagagct      60
gtgggtcaagg tctcgccag gagagctgct gccgccccag ctgctgccag accacctgct      120
gcaggaccac ctgctgccgc ccagctgct gcatttccag ttgctgcagg ctttctgct      180
gtatctccag ctgctgcaaa ccagctgct gctgaccac ctgctgcagg accacctgct      240
gccgccccag ctgctgcatt tccagttgct gcaggccttc ctgctgtatc tccagctgct      300
gcaaaccag ctgctgcagg accacctgct gccgccccag ctgctgcatt tccagttgct      360
gcaggccttc ctgctgtatc tccagctgct gcaaaccag ctgctgcag      409

```

<210> 8537
 <211> 1918
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (115)...(1436)
 <223> similar to gi3294180 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8537
aagggatagg agggctcaaa gccggcacac atctgagtcc tcatggacgg gaggatgatg      60
agaagcatga ggctgagaga ggaggagtca cccggaccca gccacacagc gtcctgcctc      120
tgcggtctctg cccctgcat cctgtgcagc tgcgtccccg ccagccgcaa ctccaccgtg      180
agccgcctca tcttcacgtt ctctctcttc ctgggggtgc tgggtgtccat cattatgctg      240
agcccgggcg tggagagtca gctctacaag ctgccctggg tgtgtgagga gggggccggg      300
atccccaccg tctgtaggg ccacatcgac tgtggctccc tgcttggtta ccgcgctgtc      360
taccgcatgt gcttcgccac ggcggccttc ttcttctttt tcaccctgct catgctctgc      420
gtgagcagca gccgggaccc cgggctgcc atccagaatg ggttttggtt ctttaagttc      480
ctgatcctgg tgggcctcac cgtgggtgcc ttctacattc ctgacggctc cttcaccaac      540
atctggttct acttcggcgt cgtgggtccc ttctcttca tctcatcca gctggtgctg      600
ctcatcgact ttgcgcactc ctggaaccag cgggtggctgg gcaaggccga ggagtgcgat      660
tcccgctgct ggtacgcagg cctcttcttc ttactctcc tcttctactt gctgtcgatc      720
gcggccgtgg cgctgatgtt catgtactac actgagcca gcggctgcca cgagggcaag      780
gtcttcatca gcctcaacct caccttctgt gtctgcgtgt ccatcgctgc tgtcctgccc      840

```

aaggtccagg	acgcccagcc	caactcgggt	ctgctgcagg	cctcgggtcat	caccctctac	900
accatgtttg	tcacctgggtc	agccctatcc	agtatccctg	aacagaaatg	caacccccat	960
ttgccaaccc	agctgggcaa	cgagacagtt	gtggcaggcc	ccgagggcta	tgagaccag	1020
tggtagggatg	ccccgagcat	tgtgggcctc	atcatcttcc	tctgtgcac	cctcttcac	1080
agtctgcgct	cctcagacca	ccggcagggtg	aacagcctga	tgcagaccga	ggagtgccca	1140
cctatgctag	acgccacaca	gcagcagcag	cagcagggtg	cagcctgtga	gggcccggcc	1200
tttgacaacg	agcaggacgg	cgtcacctac	agctactcct	tcttccactt	ctgcctgggtg	1260
ctggcctcac	tgcacgtcat	gatgacgctc	accaactggg	acaagcccgg	tgagaccgg	1320
aagatgatca	gcacgtggac	cgccgtgtgg	gtgaagatct	gtgccagctg	ggcagggctg	1380
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cagccaacct	gccccctccc	cacaccaatc	agccaggctg	agccccacc	cctgccccag	1560
ctccaggacc	tgccccctgag	ccgggccttc	tagtcgtagt	gccttcaggg	tccgaggagc	1620
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ttccccctcct	ccctgttgcc	catactcagc	atctcggatg	aaagggctcc	cttgtcctca	1740
ggctccacgg	gagcggggct	gctggagaga	gcggggaact	cccaccacag	tggggcatcc	1800
ggcactgaag	ccctggtgtt	cctgggtcacg	tccccaggg	gacctgccc	gcttctgga	1860
cttcgtgcct	tactgagtct	ctaagacttt	ttctaataaa	caagccagtg	cgtgtacc	1918

<210> 8538

<211> 2466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(1613)

<223> similar to gil903218 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8538

atcagagaga	gcagaaggat	cctgagcctc	gcaactctgcc	gcccgcacca	ccttccgctg	60
cctctcagac	tctgctcagc	ctcacacgat	gtcgtgccgc	tcctacagga	tcagctcagg	120
atgcgggggtc	accaggaact	tcagctcctg	ctcagctgtg	gccccaaaa	ctggcaaccg	180
ctgctgcac	agcgccgccc	cctaccgagg	ggtgtcctgc	taccgagggc	tgacgggctt	240
cggcagccgc	agcctctgca	acctgggctc	ctgcgggccc	cggatagctg	taggtggctt	300
ccgagccggc	tcttgccgac	gcagcttcgg	ctaccgctcc	gggggctgt	gcggaccag	360
ccccccatgc	atcactaccg	tgtcgggtcaa	cgagagcctc	ctcacgcccc	tcaacctgga	420
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gttcagtggc	tacatcgaga	ctctgcggcg	ggaggccgag	tgcgtggagg	ccgacagcgg	660
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tgaagaggag	gtggccctga	gagccacagc	agagaatgag	tttgtcgttc	taaagaagga	780
cgtggactgt	gcctacctgc	ggaaatcaga	cctggaggcc	aatgtggagg	ccctggtgga	840
ggagtctagc	ttcctgaggc	gcctctatga	agaggagatc	cgcgcttctcc	aagccacat	900
ctcagacacc	tcgggtcatag	tcaagatgga	caacagccga	gacctgaaca	tggactgcat	960
catcgctgag	atcaaggctc	agtatgacga	tgttgccagc	cgcagccggg	ccgaggctga	1020
gtcctgggtac	cgtagcaagt	gtgaggagat	gaaggccacg	gtgatcaggc	atggggagac	1080
cctgcgcccgc	accaaggagg	agatcaacga	gctgaaccgc	atgatccaga	ggctgacggc	1140

cgagattgag	aatgccaagt	gccagcgtgc	caagctggag	gctgctgtgg	ctgaggcaga	1200
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acacaggctg	tgtgaagggt	tgggctctgt	gaatgtctgt	gtcagcagct	cccgtgggtg	1440
agtctcctgt	gggggcctct	cctacagcac	cacccaggg	cgccagatca	cttctggccc	1500
ctcagccata	ggcggcagca	tcacgggtgt	ggccctgac	tcctgtgccc	cctgccagcc	1560
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aagactccat	ggctgctcca	gatgccccct	tgctgggtgc	aggtggggac	tgtccaatgc	2340
agagctggcg	ggacagagag	ttaagccact	tcctgggtct	ccttcttatg	actgtctatg	2400
ggtgcattgc	cttctgggtt	gtctcgatct	gtgtttcaat	aaatgccgct	gcaatgcaaa	2460
aaaaaa						2466

<210> 8539

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1456)

<223> similar to gil668744 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8539

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ctgggtctct	caagagccca	ggagggggcca	gtggggggtc	cactcgtgtg	tccgcaatgt	180
actccagcag	cccttgcaag	cttccaagtc	tctccccctg	ggccagaagt	ttctctgcct	240
gctcagtggg	tctgggcaga	agcagctaca	gggccaccag	ctgcctccct	gctctctgcc	300
tccttctgtg	aggcttcgct	accagctaca	gtgggggtgg	gggctgggtt	ggggagggca	360
tcctcactgg	caatgagaag	gagaccatgc	aatccctgaa	cgaccgcctg	gccggctacc	420
tggagaaggt	gcgtcagctg	gagcaggaga	acgccagcct	ggagagccgc	atccgtgagt	480
ggtgtgagca	gcaggtcccc	tacatgtgcc	ctgactacca	gtcctacttc	cggaccatcg	540
aggagctcca	gaagaagact	ctatgcagca	aggctgagaa	tgccaggctg	gtgggtggaga	600
ttgacaatgc	caaatgggct	gcagatgact	tcaggaccaa	gtatgagacg	gaggtgtccc	660
tgcggcagct	ggtggagtca	gacatcaacg	gcctgcgcag	gatcctggat	gacctgaccc	720
tgtgcaagtc	tgacctggag	gcccggtgg	agtccttgaa	ggaggagctg	ctctgcctga	780
agaagaacca	tgaggaggaa	gtgaactcac	tgcgctgcc	acttgggtgac	cgcctcaatg	840

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agtatgaaac	cctggtggag	aataaccgcc	gggatgctga	agactgggtg	gacaccagga	960
gtgaggagct	gaaccagcag	gtggtgtcca	gctcagagca	gttgcagtcc	tgccaggcag	1020
agatcatcga	gctgagacgc	acggtcaacg	ccctggagat	tgagctgcag	gcccagcaca	1080
gcatgagaga	tgctttggaa	tccaccctgg	cagagacgga	ggcccgcgat	agctcccagc	1140
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acctggagcg	gcagaaccag	gagtaccagg	tgctgctgga	cgcccgggcc	cggctggagt	1260
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ggcccagggt	ctggctgaaa	aggctttctg	caaatacatg	ccctaaagt	tctcagagcc	1620
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aaaaaaaaaa						1810

<210> 8540

<211> 2317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (404)...(1227)

<223> similar to gi4008445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8540						
gtcctgctca	gtcgtcagg	ccgggccaat	ccggagggcg	ctcggcgcgt	ggtcggggggc	60
caggagcgcg	tctggcctgc	agtgcgcaga	ggacgcggcg	ggagcatgtt	ccggctcctg	120
agctggagcc	tgggcccagg	cttctgcgg	gccgcggggc	ggcggtgccg	gggctgctcc	180
gcgcgcctgc	tcccggggct	ggcaggagg	ttcggggccc	gaggtgcagg	tgccgccatc	240
ccgagtcgcg	ccgcacggcc	ggggcccagg	cctgctgccc	ctgctggcag	cgctcgcctg	300
gttctcgagg	cccgtgcgg	cagaggagga	ggagcagcag	ggagccgacg	gggcccgtgc	360
cgaggacggg	gcggacgagg	ccgaggcaga	gatcatccag	ctgctgaagc	gagccaagtt	420
gagcattatg	aaagatgagc	cagaagaggc	tgagttaatt	ttgcatgacg	ctcttcgtct	480
cgcctatcag	actgataaca	agaaggccat	cacttacact	tatgatttga	tggccaactt	540
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cctccttgga	gggggcatga	agcaggagga	caatgcaata	attgaaattt	ccctaaagct	660
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catttcaact	ctagaggaaa	aaattgaaag	agaaaaggaa	ttagcagaag	acattatgtc	780
agtgaagag	aaagccaata	cccacctcct	cttgggcatg	tgcttagacg	cctgtgctcg	840
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gatttttgaa	gaaatacaag	gagaaagaca	cccacagacc	attgtgctga	tgagtgcact	960
ggctactacc	ctggatgcac	agggccgctt	tgatgaggcc	tatatttata	tgcaaagggc	1020
atcagatctg	gcaagacaga	taaatcatcc	tgagctacac	atgggtactca	gtaatctagc	1080
tgcagttttg	atgcacagag	aacgatatac	acaagcaaaa	gagatctacc	aggaagcact	1140
gaagcaagca	aagctgaaaa	aagatgaaat	ttctgtacaa	cacatcaggg	aagagttggc	1200

tgagctgtca	aagaaaagta	gacctttgac	aaattctgtc	aagctctaaa	tccatttttg	1260
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cccgatcaat	ggcttaaata	tgtcgttttt	gatattcagg	tttcctcaat	ttagccttag	1380
tgaaggaggg	gttgtacaca	ctgccatttt	tgtattttta	aggaaaaatg	actttcattc	1440
ccaactgatt	atgacctttc	aggatgtcgt	caagtgatgc	tttcagttgt	aacacgtgac	1500
ttggtgctgt	ccctgctggg	ctaagtagaa	ctgtagattc	atatgggctg	gtgttcctgt	1560
gcgctgtggg	tgtggtgatt	cagcctggca	tttctacat	aagtttttgg	tctgctgatt	1620
tgctgccctg	tcttctctta	ctttacttta	tcaatacctg	gcaaactgac	cataattacc	1680
ttcctcatgg	caaaggggga	ttatggtgaa	ttgttgaata	ttatagtctg	tttcatgaag	1740
cacaagtggg	atttaataca	taaaagagaa	aaatatctta	gtttgctacc	agcattccag	1800
catgaagtgg	taaagtgggg	attaggcacg	tgacagtata	gcaccatttt	gaattttaa	1860
aaaacgtgaa	ccatatttat	ctgggtatat	aaaactaaaa	atgggggtgt	ttatataaaa	1920
ctaaaaacta	agaatgatgt	aaccttttgt	ctgtgttatc	tgaacactct	acttcctttg	1980
cagccttagt	cacacaactg	agtcactctc	agtactcttt	aaggacacac	agcccaggct	2040
gttctgagtc	agaataggcc	cctacaggta	tattttaaaa	ctcttcgtaa	ttctaattgt	2100
tactgctggg	atagctgaac	tactgacctg	gatcttagtc	ctagcctttt	tgcttttgca	2160
atttcagtat	cttcatctct	aaactaggga	aacactggga	ttctttctta	gctgtggggg	2220
aaagtatttg	gttagatgac	tttgaatgaa	tagactgctg	tgctgaaaga	gctttatcac	2280
actgtctcaa	agtatgtaaa	gatacatagg	tggatgc			2317

```

<210> 8541
<211> 2286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1958)...(950)
<223> similar to gi532128 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8541						
ttttttttct	tatttctaca	tatgataaat	tttgggtatt	tgttttcaaaa	attagcaata	60
ctagtgacta	tttaataatc	aaaaacataa	agcatctcta	gaagtaaaa	gaaatttttg	120
gtagaagaca	atttgatact	ataaaaat	taaaactgaa	aatagtaacg	accatattta	180
gcatttgaaa	acattattta	atacagattt	tggtaacatt	aactaatact	tattccaaga	240
ttatatggta	aatatttata	tttatactgc	cagactacat	agagaaaacag	ggattttaatt	300
ctaagttata	ttaccccaaa	aagaaatact	ttctaataat	gaattcaaca	agatgtacca	360
ccaacagaga	cagtgaatgt	atttcacctt	cctaaacagc	ctatttttat	atgaaaatcc	420
taaattatct	acatcagtca	atgactggca	tttcaagagt	aatgatttca	ttttacttac	480
aatgcatcaa	gataaaaagg	ttacactgaa	caactagaat	gtttactgaa	attaatctta	540
ttaaagtaaa	acttaaaaaa	cttatttggg	acattttcat	tgcttacact	caacgaacgt	600
gaaacagaga	aaaacagtca	cagaatcgtg	ctaagtttat	aataaataat	tcacatacaa	660
catagggttaa	attatcaaag	aaattaaact	gacatcttta	taccttttgc	agatttaaca	720
cattttcta	ccaccacata	cggatagcag	taggtatatt	tcttgacatc	attcagtcta	780
tttcaaaaat	agatttgatt	gttttagaggc	ataatttata	aagcaagata	accaaattaa	840
acaacagaat	tttaactaat	attggctttt	tgggatttct	taagaaaaga	ttcacaagca	900
ttgctcagct	actggagaat	aattaaatct	cttctttact	caggcacttt	taatgcagta	960
acctcaggct	tcatttttaa	gtactgggta	aaacgaacaa	ttgcataccc	aaggaaatca	1020
aactcaatag	tggagtattt	ggcttgaatc	aaagcccaca	atccccaaaa	gaaatgagaa	1080

```

gccaatgcaa actgattgac ttgaatgaag agtattttcta cctccttttc agtaacttca 1140
gtcccaaagc ccttaaattc tttgtaggct tcaaggtaag cacgcagcca ctgactctgt 1200
agttctctat ctggatacag actatagtct acatcactca cacctgcaaa ttcattgaaa 1260
tgatttccaa tatcatatgc caggtagttg tatccagaat attcataatc aatgaactgt 1320
acatcacctt gtttctcatt gtagattata ttcttacaca ataggtcatt atggcaaagc 1380
acaacagggt agcccagggt ggaaagaatc tccttcaccc aagtcacctc ttcctggaga 1440
atctgagagc ttgggatatc acttaggaac cttttattaa tgtcttcac tgcaaactct 1500
gtgggaatga gagagaaata ctttcccatc tttagccaaa gattagattt ggggatccag 1560
ccattgtgtg catgaatagc atggatttta gcaagctgac gagctattag cctgaaaatg 1620
gctgggttgc agacatgctt tggatccagt gcttctcctt gtataaattc atagcatagt 1680
ccattattga aggtacagta gagttgtggt gcacacccat gagcctgcaa cactcgaaaa 1740
ctctttactt cctcatctcg atcgactaat aactcagtct tattgccata aattctcacc 1800
aggactacat cctccatggt gtttcccacg taacagccaa taagtttatt tgtgattcca 1860
tctgtgaaga gctgcagggt cacctcctgg gggctcccag gaggccgcag gtgttgcagg 1920
aggctcaggg cccctcccgc gcagcgatgc tcctcctgat cctgaacggt gacgttcagc 1980
ttgggcacct ccggggagcc gggaggagcg tggatgtaat tggccatggc ccaggcgacg 2040
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gggcgagcgg caggagaacg tctggaggcg gcactgttgc cgatccgggt ctggacagca 2220
gctgaactga gcccggcccg ctctcggaga aaattcctgt tgtcggagct ggatcgcggg 2280
cggccg

```

```

<210> 8542
<211> 1488
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1430)...(857)
<223> similar to gi2088854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8542
ggcgggggac gtaaaacttg gtcctctaaa acggcccccc cttttttttt tttttcaagt 60
ttaaaagtca gaatatatct cactgaaaat atgtgtatgt gtgtgccttc aagagtgagt 120
gctcctcaag ggagactcac acagttcctt acaacataaa taagaaatag acgtaatggc 180
ttcactcagt agaaaactag cagcatcatt ctgggccatg gggcattccc caggggtcac 240
catccagcag cctctccctg ggggcagagg acgcctggtc agaacagcta taactcatcc 300
atcatggcga gcaaatcgtc ccctttgctg gtgctcagcc ttggctgctc cgtgatctca 360
aactccccca tgattcgagc cagctcctcg ctccgttgct ggtcctgggt ggcttgtatg 420
ttgataactt cataggataa ctcttctggc ctggttagcg ctgcttgctc ctcttcttca 480
tcggtggtta agagattcaa ccggaatccg ggctcagggc cactgggttt cttaatctcc 540
atccctccca tcagcctggc caagaaattc agctcttctt tagcaagagg gtttggagca 600
atgcttttct gggtccatga ggctaagttc tttgatgatc cagacacatg agtttccaca 660
ggctgattca cgctgtacat gttagtcccc agtttcagga ctccgtctcc ataaaattca 720
aaagaacctt ctttgggtgc agggacatag tttcccccat gcttgaattc tctctcttc 780
acttcttcac ctttgttgtt gaacattctg atgagtcctg gaacttcagt tccccaggga 840
acaggcccg acaccggcaa cacaagcgga ccgttattat tctgaacttt gtcctttaga 900
aacatggata ctccgatgtg cagggtcttg aagaagatga ggagtgtctg ccggatcagc 960

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tggaactccc	ctgcagagag	accaccatat	atttctgtca	gctgccgcaa	agtctcgtcc	1020
acttgctgca	ggatggttgg	ggagtctcgg	atgaatccct	tgatgggtatc	caagtgattg	1080
aaagtgacca	gcagcacatc	cttgggtcgg	ggacacagca	atacttgata	tttgaaagcc	1140
atgggtcatca	ggtcatagag	cttatccatg	ctggcctggg	tcagtttcat	aatggaggca	1200
tgagccaggc	gctcatagac	agtcctcagg	gccttcttgg	agtagagctc	ttgaggcttg	1260
aataattcct	ccataaacct	tctattgaac	atggtggaga	tgatgtcatt	cagaactttg	1320
cgggccttgt	ctccccggat	gttctgggcc	cgcagccggt	ggtcgaggat	gtaaagcatc	1380
tccccgccca	agttcaagaa	gagcagcggg	agcgtccgca	ccgacatggg	gctggaaacg	1440
agctggactg	gtgaagagcc	ccgggggttcg	gtagccagtg	gcctgaag		1488

<210> 8543

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1105)...(278)

<223> similar to gi386792 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8543						
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cccattggtg	ctccccctcc	tggccattgt	tatcccaggga	ggagacactg	tgggcacagg	120
gctaagtcca	ggtgtttgta	ttcgggctag	aaaaggcaat	gtcccaagtc	tctgctgcct	180
gtcacagtcc	ttcagccagg	gctggacctc	aaccttgagg	agtcacactg	agttccagtg	240
accaccgtgg	tgggtggccat	gccactcatg	gttgctatgg	ccggaaggcc	tggggcagcc	300
tcttccaagc	cgctcgcacc	ccgtagggtgc	ccatccgctg	ctggcgcaag	tgtgtggcga	360
agatgaagca	gagcaggaca	gatgtcacga	acagggacag	caacaccgac	accaccgtga	420
ctatgatgac	catctggctg	tccgacacag	gctcatagat	ctccaacatc	ttcggggctg	480
agtgtttgtg	aaagatgttg	ccaccgcgag	acatcaagtc	cagcacagcc	aggcaggaga	540
agttgcggtg	gccatcctct	ctgtcagccg	tgctgttgaa	tgtggctgtg	gcctcctgcg	600
gagcaggggc	tgccttcccc	aaggtctcat	agtgcagagt	ctcattgcca	cggaaacagga	660
agaggggtgag	gctgtccagg	ggctccacgg	tgggcacctt	gcactcaatg	gtgaaggact	720
tgcccacagc	caccaaagtg	ggttgcagtg	tcaggatgac	ctgccttgga	ggctgggtaca	780
cgctgacgtt	ggaattcatt	gactcctgct	tcccggagca	ggtgaagtgg	cattggagga	840
ccgtgtcatg	ggagatgttt	gagaccaagt	aatgtttcca	ctgagcctgt	tcgtccagca	900
gaatcttatc	tagagaggtc	tccagaccac	ccacttcagg	ctgggttacag	gtggtgctgc	960
agttgacctc	gagggaccct	ttgggctcaa	ccgccagctt	ctttggcctc	acgtgtacct	1020
cgaatacctt	ctcatccgat	cctggacagc	agatcagggt	gaagaggggc	acagtcaggg	1080
tctgttaacc	gaaagaggac	atctctggca	gtctccacgg	gctcgcaggg	accagccaag	1140
ggctgccttg	agggagatgg	tgggcgcagg	tctgagctat	ggcccagaat	ccctagcctt	1200
ctgcaaactg	atgactgcat	ttcctctcat	tatctgagag	atctttggga	agccacgtgc	1260
accagctcgt	tctaggacct	caggcctcta	agaatccagg	cagaggaagc	tgggaagctg	1320
ctgataagca	gggcataacc	cagtcctcc				1349

<210> 8544
 <211> 6529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6530)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6528)...(4646)
 <223> similar to gi3930527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8544
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ctaaaaatga ctctacatgt caaactcaaa tagaaaatgt catgcaatat ataaatcact      180
aatggacctc tgggtgcagtc agcaagttta ctatgtttat taaagtcaca taaatggttt      240
gacaaaagtg cacaatagaa tgacatcacc ggtttgttat aaatcacagt gaattactag      300
aatacaacag tgtagttcct ctgcacggag gattgcagga tggggtgaaa aggacagggt      360
cttttccatc gattaggcca gtcagatttt actccccaac tgtgtacctt tgaaaagact      420
gtgaggaaaag ctgagtttct ttctcatctt tttctcctct accagttact aagcaacaac      480
aacaaaaagc catgcacaaa ttttacaacg cctgataaaa aatagataca aaatcttggt      540
catttcatca tttggcaagc ttgcatcttc gctccttcac ttttttgatt aggccattca      600
tcacatgact cacccttgga attaaaggct ngtaaataat ttaggcaata cttaccctta      660
tacacacatc aggatacact ccccataacc atcaagtcac tgtctcttcc cctacacatt      720
aacacaaagg tacacaccac aaacctagag accacattta ctttacagtt ttaaaaaatta      780
atatatctcc actatcaata gtgtagtatt tatttcagat cccttatttg ggggagggca      840
tgctgtataa cccagcccat ctaaagattt gggcaagtct gccagaaata cataagaaaag      900
ccctgcaatg tgataaacac ataggagttt tctactttca agagatgaca tccagaacaa      960
agctatgcat tttcagagta ggaatggaca cacagcttaa aacctctgga ctaaaaatat      1020
ttcatagcac aaaaggcaga gttttgtttt ctttaacccc tttttaatgt tatatagtca      1080
gtgagaaaaa cagaatagtc atgtgtgcat caacacatct aatttgaaaa ggaacattta      1140
agattcttac agaaaatcta tcataaaaaa caagtccttt atactttcat tcatttactc      1200
actaattcag ccactggctg tttctaaacc agcaaaactaa tcaaaggtct ggcaactccc      1260
tttcccatcc cccccctttc aaaaaaaaaa aagaaaacgct tctgcttaaa taaccctaaag      1320
tggtcttatt cataaagtag ctgcctcaac tatagtgaag actcttaaca ggggtgttgct      1380
cacttgaaat ttttaatttc aaaacatttg tcaaacagag ttggtattta gaaagctgct      1440
gcccccaaat catattttac ttcaaacaat gttatcatac ctaagttctc acaattacca      1500
attattagtc cactattagt ataatgaaat aaaacccttc tcagaaacaa gcagaccaa      1560
gcttacagat ggtctgcttt ggggttttgt ttatttataa tccccacagc aaagaacctt      1620
aacgtgattg ggctgtgggc tactagagca accagggtgg actgaaaaag ctatgttttc      1680
agtgtcagtt ctaatgtaaa aatgttcccc ttctttatca atcgagggga tgggtttgcc      1740
gccatttctt tgagttaaat agttaacttc atagtccaat tttgccaaact ctatcaagt      1800
cataaaaccc acttaagttt ctcatgattt gcgaatgaaa acatccacct gggcctccct      1860
agctcatcca gatttatata acaattactg aacaggacag agaagttttg gttgaatctg      1920
taataccatc aatgaagatt tacaattcaa agcataagta taccaatagt aaacatcaaa      1980
tgaccaaagt ggctgcaaaa tggagacagc ctagagttca cagagggctg agatatacaa      2040
ctatcatttt cttacctatt ttcttttttt aaaaaaaaaa taagttgggg aagggtctgg      2100
ctaaacatat tttcaacaaa ttctaccaa aacattttta aaaaacaggc atgtagatca      2160
cttattttcaa aaatgatttt atacaggtgt ttcacaatac acatttggat tgattttaca      2220

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agatagaatt	agattctcag	caagatacta	cacaatttac	cactatacta	aacaaacaaa	2280
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accctgtcag	catttcaatc	aacagtttta	ctttcttcag	cattgtcttc	ccttctcaaa	2400
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taaataagca	gtgtcttaaa	tagtgctggg	cctgggtagc	caaagggatg	aaatgtgttt	2520
ttaaaacatg	caacattatc	tgatatttta	agttttgatg	tttaaataaa	aataatatac	2580
attaataatg	gaaccaactg	aataccaagt	atcaaagcta	ttccttagac	tgtccaataa	2640
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aagaagacaa	agtataatga	tagcaactgt	aaaaagtatc	ttgcatcctt	gggggatagt	3000
cccccttct	gtccccctcc	atccttcaaa	atatttcatt	ttgtggggta	tctctatttt	3060
atttaaggcc	ctaggggtgt	gattttggct	tggtcattgt	tttatactga	tccaactgca	3120
acctttctct	tacactttac	aaagcattat	ccatatataa	aatgttaatt	gaaacctttt	3180
ttttaagtt	tatatctgat	gctgctacat	cattataatg	cttttcatta	aagaaaaaaa	3240
aaaaagctac	aggtcttcac	ttacagtacc	atgcactatg	agtagctaag	gcattcattt	3300
ggcactagag	agaaaattac	agatacagct	aattttgctt	tcattatcat	ttttaacatc	3360
aatagaaata	agcatataac	tttcaactga	atctctgtaa	tgcttaaaag	ataatcacag	3420
aatacccttt	tagtttgaca	gttacaatgt	tgccattaaa	acaaaacaaa	aaaaccataa	3480
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tcaaacatat	cctgggtcct	tttcatctgt	cataagtaaa	ataccttatt	agggaggcat	3720
aaataatgcc	ttctggaaaa	gtagtttcca	aatttttaaaa	gatacaggag	aaaaagggaa	3780
aaggggacaa	aaatagaatg	tataactaca	ctgtgacaat	ttgtttcata	agaaaacagc	3840
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caaatggatt	taaattttata	aattttgtaac	tattattaaa	ttagcacatt	ttccagatta	4080
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<210> 8545

<211> 1200

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (892)...(265)

<223> similar to gi3249005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tttaatgcaa	taggggtccca	ggattcaaac	aaggaaat	gattccagag	ttggcattat	180
gtagttatgt	actctgctac	aaagaactag	tggaggtaaa	cttcggcagt	aaaattctca	240
acagtcaaat	attaatgcat	ttcatataca	tggctttgca	tccgtagagg	aagatacagt	300
tccttcagca	cacgtgccaa	tttctgagtc	ttccactaga	gaatcctcaa	cagtttcttc	360
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tctctctatt	agctctgcca	tatactgtac	atgttctgct	acttctgcca	gttctttatt	480
ctcctttttc	aggcgggcaa	tttcattgtc	cttttgttca	atttctttat	gaagtttctc	540
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atttttat	tcactagatt	ctgggacaat	aaccccagg	ctggaagt	tagatgttaa	720
gtggtcattc	cgatgtttcc	ttttggacaa	gcctgoggac	agctcatttt	ctcttccaac	780
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ggtgaagcac	agaagaccag	gccgcggccc	tgacgtgtgc	aaagtaggac	gcggcttcag	960
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cacgtagcta	tggctgcagc	acctcgcaaa	agccacacgc	tcacctacgc	tgatccccac	1140
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<210> 8546
 <211> 906
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (119)...(761)
 <223> similar to gi409733 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gagggcaggg acaggccagg ggggccttga ggcccctggt gagccaggcc ccaacctcag      180
gcagcgctgg cccctgctgc tgctgggtct ggccatggta acccatggcc tgctgcgccc      240
aacagctgca tcgcagagca gggccctggg ccctggagcc cctggaggaa gcagccggtc      300
cagcctgagg agccggtggg gcaggttcct gctccagcgc ggctcctgga ctggccccgg      360
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gaccagctc accgttttaa gtcagcccaa ggccaccccc tcggtcactc tgttcccgcc      480
gtcctctgag gagctccaag ccaacaaggc tacactgggtg tgtctcatga atgacttcta      540
tctgggaatc ttgacggtga cctggaaggc agatggtacc cccatcaccg aggcggtgga      600
gatgaccacg ccctccaaac agagcaacag caagtacatg gccagcagct acctgagcct      660
gacgcccagc cagtggaggt cccgcagaag ctacagctgc caggtcatgc atgaagggag      720
cactgcagag aagacggtgg cccctgcaga atgttcatag gttcccagcc ccgacccac      780
ccaaaggggc ctggagctgc aggatcccag gggaagggtc tctctctgca tccaagcca      840
tccagccctt ctccctgtac ccagtaaacc ctaaataaat accctctttg tcaacccaaa      900
aaaaaa

```

<210> 8547
 <211> 7439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(6174)
 <223> similar to gi3668410 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gacaaaaatc gggccctgca tgcagcagag cgcttgcaaa ccaagctgcg agaacgtggg      120
gatgtagcaa atgaagacaa actgagcctt ctgaagtcag tcctgcagag ccctctcttc      180

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cctactctgc	aaaatgaatc	gtttttatta	tccccaaaca	atgggaatct	ggaagcactt	360
acaggacctg	gtattccaca	cattaatggg	aaacctgctt	gtgatgaatt	tgatcagctt	420
atcaaaaaata	tggeccaggg	tcgccatgta	gaagtttttg	agctcctcaa	acctccatct	480
ggaggccttg	ggtttagtgt	tgtgggacta	agaagtgaag	acagaggaga	gctgggaata	540
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acaatagttt	aagactaagg	gaaacagatg	gagctgttta	ttgagacaac	tggtgaggaa	7260
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<210> 8548
 <211> 2269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (472)...(1202)
 <223> similar to gi5630087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tgttatctct	tgatgagatc	attgcaccat	gtcagacttt	tgtatatgcc	ttgaaaataa	2220
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<210> 8549
 <211> 2836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(2428)
 <223> similar to gil79004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8549						
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cctctggaaa	ctctggacct	ggaattcaag	gtggaggagc	cattgtccag	agggctatta	180
agcggcgacc	agggctggat	tttgatgatg	atggagaagg	gaacagtaaa	tttttgaggt	240
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gctctgcgga	taaagagaga	cttgccaggg	aaaatcacag	tgaaattgaa	cgcgcgcgac	360
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aaattgtata	gtgttgattt	tgtgctgaga	tcaagaggca	ggttagaaga	acctgacatc	2760
cactgtttgc	ccttggtatg	tatggcttgt	ttttggaaag	aaattctgaa	gagagtggag	2820
gagaggagaa	atgtcc					2836

<210> 8550

<211> 2565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (242)...(1520)

<223> similar to gi32452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gtcaatcaca	cgcagctttt	aggtttgttt	gaataagaga	tctgacctga	ccggcccaac	180
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gatgaatgcc	atgctggaga	ctcccgaact	cccagccgtg	tttgatggag	tgaagctggc	300
tgcagtggct	gctgtgctgt	acgtgatcgt	ccggtgtttg	aacctgaaga	gccccacagc	360
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<210> 8551

<211> 5002

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (800)...(5004)

<223> similar to gi961452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8551

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tgagctctcc	cacaagggca	acgcaatcta	taatctcctt	ccagatatca	tcagccgcct	4320
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gtcagatgag	tccatcttca	gtgctttttt	gtcagttgta	ggcaagctgc	gacgtggggc	4620
caagcctgag	ggcaaggcta	taatagatga	atttgagcag	aagcttcggg	cctgtcatac	4680
cagaggtttg	gatggaatca	aggagcttga	gattggccaa	gcaggtagcc	agagagcgcc	4740
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gcgagcttcc	aaaaagaaac	ccaaagtgtg	cttctcaagt	gatgagtcca	gtgaggaaga	4920
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atcggctcgc	aggcacagat	cc				5002

<210> 8552
 <211> 1707
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (38)...(1520)
 <223> similar to gil80260 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8552						
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cctggccctg	ctgggcaatg	cccatgcctg	ctccaaaggc	acctcgcaag	aggcaggcat	120
cgtgtgccgc	atcaccaagc	ctgccctcct	ggtgttgaaac	cacgagactg	ccaaggtgat	180
ccagaccgcc	ttccagcgag	ccagctaccc	agatatacag	ggcgagaagg	ccatgatgct	240
ccttggccaa	gtcaagtatg	ggttgacaaa	catccagatc	agccacttgt	ccatcgccag	300
cagccagggtg	gagctgggtg	aagccaagtc	cattgatgtc	tccattcaga	acgtgtctgt	360
ggtcttcaag	gggaccctga	agtatggcta	caccactgcc	tgggtggctgg	gtattgatca	420
gtccattgac	ttcgagatcg	actctgccat	tgacctccag	atcaacacac	agctgacctg	480
tgactctggt	agagtgcgga	ccgatgcccc	tgactgctac	ctgtctttcc	ataagctgct	540
cctgcatctc	caaggggagc	gagagcctgg	gtggatcaag	cagctgttca	caaatttcat	600
ctccttcacc	ctgaagctgg	tcttgaaggg	acagatctgc	aaagagatca	acgtcatctc	660
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tggggtggac	atttccctga	cagggtgatcc	cgtcatcaca	gcctcctacc	tggagtccca	780
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aatgatcacc	gctgtgggca	tccttgaggt	catgtctcgg	ctcgaggtag	tgtttacagc	1380
cctcatgaac	agcaaaggcg	tgagcctctt	cgacatcatc	aaccctgaga	ttatcactcg	1440
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aagcaccagg	ctcacagctg	gaaccctggt	gtctcctcca	gcgtgggtgga	agttgggtta	1620
ggagtacgga	gatggagatt	ggctcccaac	tcctccctat	cctaaaggcc	cactggcatt	1680
aaagtgtctg	atccaagaaa	aaaaaaaa				1707

```

<210> 8553
<211> 4389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(1714)
<223> similar to gi3851711 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8553						
ggttctgagg	actgggtttg	ggtgcagacg	ttgttgcttg	ggcgcttctc	cgctgcgtgt	60
aggtgaaggg	ggcttcctga	ccgagacatg	gatttaggtg	ctattacaaa	atactcagca	120
ttacacgcc	agcccaatgg	actgatcctt	caatacggga	ctgctggatt	tcgaacgaag	180
gcagaacatc	ttgatcatgt	catgtttcgc	atgggattat	tagctgtcct	gagggtcaaaa	240
cagacaaaat	ccactatagg	agtcatggta	acacgcgtcc	acaatcctga	ggaagacaat	300
ggtgtaaaaat	tggttgatcc	tttgggtgaa	atgttggcac	catcctggga	ggaacatgcc	360
acctgtttag	caaatgctga	ggaacaagat	atgcagagag	tgcttattga	catcagcgag	420
aaagaagctg	tgaatctgca	acaagatgcc	tttgtagtta	ttggtagaga	taccaggccc	480
agcagtgaga	aactttcaca	atctgtaata	gatgggtgta	ctgttctagg	aggtcaattc	540
catgattatg	gcttggttaac	aacaccccgag	ctgcactaca	tgggtgtattg	tcgaaacacg	600
ggtggccgat	atggaaaggg	aactatagaa	ggttactacc	agaaactctc	taaggctttt	660
gtggaactca	ccaaacaggg	ttcttgacgt	ggagatgaat	acagatcact	taaggttgac	720
tgtgcaaagt	gcataggggc	cctgaagcta	agggaaatgg	aacactactt	ctcacagggc	780
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aaatcctgaa	aaaggaaaat	attaggttgg	tgcaaacgta	attgcgggtt	ttgcattgtt	4320
gaaatttgcc	gttttatatt	ggagtacatt	cttaaataaa	tgtgggttatg	ttatacatca	4380
aaaaaaaaa						4389

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<210> 8554
<211> 3230
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (183)...(2420)

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<223> similar to gil88658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8554
gagctgacaa tatcaggtga gctgtggagg tggggtcctt ggaagctgga tgacagcagc      60
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acagggccct ctgaggtggg gctgaggtac aaagggggat tgagcagccc aggagaagag      180
agatgggggt tcccttcttc tcttctctca gatgcatggg ggacttagga ccttgctggg      240
ctgggggtct cactgcagag atgaagctgc ttctggccct agcagggctc ctggccattc      300
tggccacgcc ccagccctct gaaggtgctg ctccagctgt cctgggggag gtggacacct      360
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acccccgcat caagaaccaa gccgactgca tcccgcttct ccgctcctgc ccgcttgca      1140
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tcgacatctg gatgggcggc gtgtccgagc ctctgaagcg caaaggccgc gtgggcccac      2160
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<210> 8555
 <211> 2987
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2988)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (87)...(1907)
 <223> similar to gi2706518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ccaggccag	gtagatctg	caatttctcc	agcggttcct	gcagatactg	aagggtttgt	180
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<210> 8556

<211> 2562

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2454)...(1737)

<223> similar to gil006665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8556

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gattaatcaa	caaagcaact	attaacaaca	tgtaaatctt	aatataagac	actgagagaa	540
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atacatgagt	ttctacctg	tcaaacaatg	cttttaaaaa	atttttttag	gaaaaaaaaa	660
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<210> 8557

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(727)

<223> similar to gi5639941 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8557

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actccattaa	agtggaagga	ggcacctggg	ctgtttatga	aaggcccaac	tttgctgggt	360
acatgtacat	cttaccacag	ggagagtacc	ctgaatacca	gcgttggatg	ggcctcaacg	420
accgcctcag	ctcctgcaga	gctgttcata	tgcctagtgg	aggccagtat	aagattcaga	480
tctttgagaa	aggggatttt	agtggtcaga	tgtatgaaac	caccgaagat	tgcccttcca	540

tcattggagca	atttcacatg	cgagagatcc	actcctgtaa	ggtgctggag	ggtgtctgga	600
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ggaagcccat	cgattggggg	gcagcctccc	cagctgtcca	gtctttccgc	cgcattgtgg	720
agtaatgaca	tgaatggggc	catattcttc	ctggggccca	aatgctggct	ggccttgtgg	780
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<210> 8558

<211> 5493

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (527)...(2810)

<223> similar to gi37433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8558						
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<210> 8559

<211> 1652

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (93)...(557)

<223> similar to gi1872487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8559

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aagaccacaa	ggaagtgttt	ctgcactgcc	gggttcttgt	ctgtggagtg	ttggacgagc	1020
gttcccgcgtg	tgcccagggt	tgccaccggc	gaatgcgtcg	tggggcagga	ggagaggact	1080
cagccgggtct	acagggccag	acgctaacag	gcggcccgat	ccgcacgcac	tgggaggact	1140
agttcgttagc	catacctcga	gtccctgcac	tggacggctc	tgctctttgg	agcttctccc	1200
cccaccgccc	tctaagaaca	tctgcccac	agctgggttc	agacttcaca	ctgtgagttc	1260
agactcccag	caccaactca	ctctgattct	ggtccattca	gtgggcacag	gtcacagcac	1320
tgtctgaaca	tgtggcctgg	gtgggggttc	atctttctag	ggttgaaaac	taaactgtcc	1380
accagaaag	acactcacc	catttccctc	atttcttcc	tacacttaaa	tacctcgtgt	1440
atggtgcaat	cagaccacaa	aatcagaagc	tgggtataat	atttcaagtt	acaaacccta	1500
gaaaaattaa	acagtactg	aaattatgac	ttaaataccc	aatgactcct	taaatatgta	1560
aattatagtt	ataccttgaa	atttcaattc	aatgcagac	taattatagg	gaatttggaa	1620
gtgtatcaat	aaaacagtat	ataattttaa	aa			1652

<210> 8560
 <211> 1521
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1522)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (213)...(1038)
 <223> similar to gi984663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8560
ggatccacgt cccacgggcc ggaccgcgg cgcggttcgg aaatcagcct gagcctgagt      60
accgctaagg ctttaatcac ggggtcccgag agccctaagt cttctctttg cttgctgata      120
tcgtacctta atgtgcaaaa gaatcacggt gggaactgaa aattcagaat cctgggcctc      180
actcccagag gatctgatct acatgtgttg agatgccag gaatctgctt tattctcttt      240
tgtcctccca cctgtccccc catttcggca cctcggtaac ctctgccaaa gtggctgtga      300
atggcgttca gctgcattac cagcagactg gagagggaga tcacgcagtc ctgctacttc      360
ctgggatgtt aggaagtgga gagactgatt ttggacctca gctcaagaac ctcaataaga      420
agctcttcac ggtgggtcgc tgggatccct gaggctatgg acattccagg ccccagatc      480
gcgatttccc agcagacttt tttgaaaggg atgcaaaaga tgctgttgat ttgatgaagg      540
cgctgaagtt taagaaggtt tctctgctgg ggtggagtga tgggggcata accgcactca      600
ttgctgctgc aaaatatcca tcttacatcc acaagatggt gatctggggc gccaacgcct      660
acgtcactga cgaagacagc atgatatatg agggcatccg agatgtttcc aaatggagtg      720
agagaacaag aaagcctcta gaagccctct atgggtatga ctactttgcc agaacctgtg      780
aaaagtgggt ggatggcata agacagttta aacatctccc agatggtaac atctgccggc      840
acctgtcgcc ccgggtccag tgccccgcct tgattgtgca cgggtgagaag gatcctctgg      900
tcccacgggt tcatgccgac ttcattcata agcacgtgaa aggtcacagg ctgcatttga      960
tgccagaagg caaacacaac ctgcatttgc gttttgcaga tgaattcaac aagtttagcag     1020
aagacttcct acaatgagaa tgcacactcc agtcttggtg gttccttcgt gtggggcctt     1080
atcgtgttgc tgctgtttaa catgatgcct ttgaaactct ccgcctttga aactttctac     1140
ccctcccttc aatcttatcc taaccaaatg agaataatga catattgaaa acagcctcta     1200
ggcttcaggc tgggcacggg ggctcacagc tataatctca gcactttggg aggctgaggt     1260
gggagaattg cctgaagccc aggagttcaa gacccaagnc tgtgcaatat agggagactc     1320
cgggctctac aaaaaaagag tttttcaaaa ttagccaggc gaagtggcac acatctgtgg     1380
tcccaggtgc tcaggaagct gaggtgggag gatcacttga gccaattca aagctgcagt     1440
gagctgtaat tgcactactg cactccaacc tgggcaacag agtaagacct tgtcttaaaa     1500
aaaaataaaa acataaaaaa a

```

<210> 8561
 <211> 2051
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (26)...(1249)
 <223> similar to gi558530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8561
ctcgttccct aacattaaag agaaaatgct gctatccgtg acttccaggc ccgggatttc      60
gacttttggc tacaatagaa acaacaagaa gccatatgtg tccactggctc agcagatggc      120
accacctagc ccaagcaaca gtacacctaa cagcagtagt ggaagcaatg gaaatgacca      180
gctgagcaaa accaacctat acatccgagg attgcaacca ggcactactg accaagatct      240
tgtcaagctg tgtcagccat atggcaagat tgtttccact aaggccatac tggacaagac      300
cacaaacaaa tgtaaaggct atggccttgt agattttgac agcccttcag cagcacagaa      360
agctgtaaca gcactgaagg ccagcgggtg acagggcacag atggcaaagc aacaggaaca      420
ggaccccaca aatttatata tctcaaacct cccactgtca atggatgagc aggaactgga      480
ggggatgctg aagccctttg gccagggtat ctccaccctg atccttcgag ataccactgg      540
gaccagcaga ggtgttggct ttgcaaggat ggagttcaca gagaagtgtg aagccatcat      600
caccactttt aatggaaaat atattaagac accccctgga gtaccagccc catccgatcc      660
cttgctttgc aaatttgctg atggcggggc aaagaaacga cagaaccaag gaaaatttgt      720
gcaaaatgga cgggcttggc caaggaatgc agacatgggc gtcattggcct tgacctatga      780
ccccaccaca gctcttcaga atgggtttta cccagccccc tataacatca cccccaacag      840
gatgcttgct cagtctgcac tctcccccata cctttcctct cctgtgtctt cgtatcagag      900
agtgaactcag acatctcttc tacaagtacc taaccatcc tggatgcacc accattcata      960
cctcatgcag ccttcagggt cagttctgac accagggtat gaccatccca tttctctcca     1020
gcctgcctcc atgatgggac cccttaccce gcaactgggc catctctccc tcagcagcac     1080
aggcacgtat atgccgacgg ctgcagctat gcaaggagct tacatctccc agtacacccc     1140
tgtgccttct tccagtgttt cagtcgagga gagcagcggc caacagaacc aagtggcagt     1200
ggacgcaccc tcagagcatg gggctctattc tttccagttc aacaagtaac agtgggattc     1260
ccctccccat ctttactgaa tagaaatgaa ttcttgagga tactcatgct cccagattcc     1320
agagggttaa ccaggaatgg agaccatccg tcggccctgc taaggactaa cacttagcca     1380
tcgtttttca caggcctggg cctggaaaaa gaaatctcta cgttcctgcc ctttactatt     1440
gctgatggag cctgggggaa ccatcacttt ttttgtgtgc tacattcaag gagatcaaaa     1500
aaacttttct tcttttgcaa agaaagcttt ttgtttttaa ctgcaacgta cttttccctt     1560
accttgaaga gacatgggtg tcgtagcttc tcactctatat gaaaaagttt tcgatgtatt     1620
ggaattattt gggaatgctt ttaaaacaat ttgtaattat ttctttacaa accaaaacag     1680
aacagaaagg tgtggtgctg gaacatcgat gaaggagccc tacttactga gcttagttat     1740
ggactttttt gatgcgtgtg tgtatgtgtt ttaaaaagta tgcaggctct aaaaatgtta     1800
ttttgtaaaag ctctcagctc atgcacccca tctcctcttc acccatatta tgccttcttt     1860
ctcttggtcca gattcttctt tttctctttt ctaaacagct gagcctgcct actttgccct     1920
tttacagctt ttaattttat ggatttttaa aatgaaattt catgtggaat ttggggctgg     1980
ggggctcgct ctgcaccgcc ctttttggtt tttttttaga caaactcccc cccccggat     2040
ttttagtccc g                                     2051

```

<210> 8562
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (289)...(459)

<223> similar to gil513230 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8562
cggacgcgtg gggcaatata tacactatta tatacccaca aaaaataaaa ataaaggctg      60
ggtgccatgg ctcacacctg taatcccacc acttcaggag gcctgaggtc gggagtttga      120
gaccaacctg gccaatatgg agaaaccacg tctctactga aaatacaaaa tcagctgggc      180
atggtggtac atgcctataa tcccagctac tcgggaggct gaggcaggac aatcgctga      240
acctggagg tggaggctac ggtgagccga gatcgtgctg agagcaagat gggtcaccag      300
cagctgtact ggagccaccc gcgaaaattc ggccagggtt ctgctctctg tcgtgtctgt      360
tcaaacccgc acggtctgat ccggaatat ggctcaata tgtgccgcca gtgtttccgt      420
cagtacgcga aggatatcgg tttcattaag ttggactaaa tgctcttcct tcagaggatt      480
atccggggca tctactcaat gaaaaacccat gataattctt tgtatataaa ataaacattt      540
gaaaaaaccc ttcaaaaaaa aaa                                     563

```

```

<210> 8563
<211> 1795
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (120)...(1096)
<223> similar to gi971270 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8563
gcggacgcgt ggggaaccgg aagaagagga actgggcctg aaaggggtacc ggtgaccgct      60
actgctgccg gtgtttgctg gtggcagggg gccaggcctg gcgagcgggg tgtgtcgcca      120
tgccggagct ggcagtgcag aaggtggtgg tccaccccct ggtgctgctc agtgtggtgg      180
atcatttcaa ccgaatcggc aaggttgga accagaagcg tgtgttggt gtgcttttgg      240
ggtcatggca aaagaaagta cttgatgtat cgaacagttt tgcagtctct tttgatgaag      300
atgacaaaga cgattctgta tggtttttag accatgatta tttggaaaac atgtatggaa      360
tgtttaagaa agtcaatgcc agggaaagaa tagttggctg gtaccacaca ggcctaaac      420
tacacaagaa tgacattgcc atcaacgaac tcatgaaaag atactgtcct aattccgtat      480
tggtcatcat tgatgtgaag ccgaaggacc tagggctgcc tacagaagcg tacatttcag      540
tggaagaagt ccatgatgat ggaactccaa cctcgaaaac atttgaacac gtgaccagtg      600
aaattggagc agaggaagct gaggaagttg gagttgaaca cttgttacga gatatcaaag      660
acacgacggt gggcactctg tcccagcgga tcacaaacca ggtccatggt ttgaagggac      720
tgaactccaa gcttctggat atcaggagct acctgaaaa agtcgccaca ggcaagctgc      780
ccatcaacca ccagatcatc taccagctgc aggacgtctt caacctgctg ccagatgtca      840
gctgcagga gttcgtcaag gccttttacc tgaagaccaa tgaccagatg gtggtagtgt      900
acttggcctc tctgatccgt tccgtggctg ccctgcacaa cctcatcaac aacaagattg      960
ccaaccggga tgcagagaag aaagaagggc aggagaaaga agagagcaaa aaggatagga     1020
aagaggacaa ggagaaagat aaagataagg aaaagagtga tgtaaagaaa gaggagaaaa     1080
aggagaaaaa gtaaaacatg tattaaatag cttttttaat ttgtaaatta aaatcttaca     1140
aactaaatca gtgtgctgct agagggttct ttttcacttg acatgcttat tagaaagctg     1200

```

acccaacaag	agctctctgc	ctccgggtcac	tcttgctgtg	gtgctacgtg	gaagtgaatg	1260
gagactgac	tcaaactctga	actgcagctt	tccgctgcct	gtgaagttgg	gggatatgga	1320
tagtccagct	caggcttcca	gattgtatga	gaaaaatgaa	gagaagtcaa	ccaaatattt	1380
tgggtactct	tcattcattt	atctctagaa	ccaggagttg	aattttcctc	catcttgaaa	1440
gactcctggg	ggtctgtttc	tgggtatttt	acaaaattgc	taagtggaat	gcatgaattg	1500
cattatgttc	tttggttaaca	cggtagagtt	cagacccttc	tgaactctgt	tgataatacc	1560
acaccatgtt	ctggacccat	agctctggca	tcctcagggg	ttgtgatcca	gctccatata	1620
ttgtttacct	tcaaagatac	aattttaaag	gctttgattt	ttaagctgtg	ttctagtcgt	1680
ttttgacttc	gggagtagtg	atctgtagtt	tccagaagca	gccaagacag	tcttcgattg	1740
gagctgcctt	aagttctctt	gcacttggtg	tcatttatga	aagagcatct	cattc	1795

<210> 8564

<211> 2618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(870)

<223> similar to gil203982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8564

tcagtgcgct	ggaattcccc	cgcgagagac	cggagctcgc	ccaccgccc	ccccagcagt	60
ggctgcacca	tgcacgtgaa	cggcaaagt	gcgctggtga	ccggcgcggc	tcagggcata	120
ggcagagcct	ttgcagaggc	gctgctgctt	aaggcgccca	aggtagcgct	ggtggattgg	180
aatcttgaag	caggtgtaca	gtgtaaagct	gccctggatg	agcagtttga	acctcagaag	240
actctgttca	tccagtgcga	tgtggctgac	cagcaacaac	tgagagacac	ttttagaaaa	300
gtttagtagc	actttggaag	actggacatt	ttggtcaata	atgctggagt	gaataatgag	360
aaaaactggg	aaaaaactct	gcaaattaat	ttggtttctg	ttatcagtgg	aacctatctt	420
ggtttggatt	acatgagtaa	gcaaaatgga	ggtgaaggcg	gcatcattat	caatatgtca	480
tcttttagcag	gactcatgcc	cgttgcacag	cagccggttt	attgtgcttc	aaagcatggc	540
atagttggat	tcacacgtc	agcagcgttg	gctgctaata	ttatgaacag	tggtgtgaga	600
ctgaatgcc	tttgtccagg	ctttgttaac	acagccatcc	ttgaatcaat	tgaaaaagaa	660
gaaaacatgg	gacaatatat	agaatataag	gatcatatca	aggatatgat	taaatactat	720
ggaatttttg	accaccatt	gattgccaat	ggattgataa	cactcattga	agatgatgct	780
ttaaatggtg	ctattatgaa	gatcacaact	tctaaggga	ttcattttca	agactatgat	840
acaactccat	ttcaagcaaa	aacccaatga	acagcttatg	tgtagccat	agctgaaaat	900
aagcacaat	agcttatatt	cagatcctat	cttcatttga	atatagcttt	taaatgaaat	960
gttacagttt	gaagttttcc	ttcatgcact	tggtgataaa	cgttttctaa	atttttagtt	1020
aagtatatgg	ataaaaagt	atgaactatt	aaaaatgtga	tgtggaccaa	aggctaggtt	1080
gtaatcttga	tagtctaaaa	aatgatcaaa	acaaatgatt	ttcaaggaat	attcaatatt	1140
ctgcctttca	gaaagtgtat	ttatatctgt	gcttcataaa	tattaatggt	cttcagaaca	1200
tcatttttaa	ggagataact	gaattgttat	ttaaatcaaa	ccagatgtaa	aacactcaca	1260
tacaagttca	tactttaaaa	gaggaaagct	acttaacaat	gacaaatatt	tcacaataat	1320
aatttttact	tatataccat	ctttcaactg	aacatttcag	ttcttccaag	agcttcttag	1380
agtagtatat	tttgggggca	gtcaagggaat	aaactacagt	gtaaacatat	cccagatgaa	1440
aactgctgta	tggaaaaatg	acagaaagta	actgattgac	actgttgatt	cacagttcag	1500
cctcctatct	gggaaagaca	tttctttcct	ctgctcactt	taagaacttt	taccgactcc	1560
aaaaatctca	ggaattaaac	ttttaacagt	tacagcaata	aagaatagtt	agtactccaa	1620

aaatattata	tttaagatgc	tcaacaagaa	aaaaatgcaa	atgtaatat	tttttcaa	1680
tactttctta	ttgacttgtc	caaatttcaa	aagtgcctac	ccttcaataa	aactttttta	1740
ttctgatctc	cataaattac	ttagtcttct	atgtatagct	atcaaggaaa	taaaaccaat	1800
tttgccacag	ccacaactgt	aaatgttttt	gtacccatgc	tgaaactcat	aacaacacag	1860
acataaaaaat	agctgtgagg	ttttgctttt	tttggtgtca	gctatcttaa	gaatcattaa	1920
atacacctgc	tttgggtaaa	actctttgca	agcagtaatt	aacactagta	acagtgaag	1980
cacaagattt	ccaaatcagt	cgttttctca	aaaaaatatc	cgtataagtg	acctcatcct	2040
ggtcctgcct	aactcccaga	ccctccccag	cttgaagccc	aatcttttcc	cctgtgagat	2100
tgatatggat	ttccctagaa	gtactggcaa	tggtgtcata	tcttgcccta	ttttaattct	2160
gctatagaaa	acaattgcct	tcactttcaa	ggagtaattt	gaatattaat	aactctggtc	2220
tagattttca	tataatgtat	taaagacaaa	gtagtgaaca	tcaatgaaca	tctgatagag	2280
ataaactgta	atcaggcata	agcttgtttg	tatgttctgg	cagtgaacta	tcagtaaatg	2340
atgtcgggtt	gcccagtatc	acttatcttc	tgtatttttc	ctctgtcgtg	taaatagtat	2400
aaccttttca	tttatggaca	attttttggg	ctagtgcct	tcaatataca	ttctgctttg	2460
aattaatttt	ttcaaataca	taaattatgt	agacatttaa	aatcaaatat	caagtagaat	2520
tgaaaaatgt	gagttacata	agttaaaaac	ttactttaaa	tcttaccttc	tataggtagc	2580
tctaaataaa	ttcatatggt	tatatgataa	aaaaaaaa			2618

<210> 8565

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(891)

<223> similar to gi4309949 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8565

gggcgcgttg	tccgctggac	tgggtcccg	tcacgccccg	ccaagccccg	cccctcaggc	60
cggggcgca	ccggggatcc	gcagttcccg	ggccagcctg	gggcggcccg	ccaggaacca	120
cccgtaaagg	tgtcttctct	ttagggatgg	tgaggttgga	aaaaggctcc	tgtaaccctc	180
ctccaggatg	aaccacctgc	cagaagacat	ggagaacgct	ctcaccggga	gccagagctc	240
ccatgcttct	ctgcgcaata	tccattccat	caaccccaca	caactcatgg	ccaggattga	300
gtcctatgaa	ggaagggaaa	agaaaggcat	atctgatgtc	aggaggactt	tctgtttggt	360
tgtcaccttt	gacctcttat	tcgtaacatt	actgtggata	atagagttaa	atgtgaatgg	420
aggcattgag	aacacattag	agaaggaggt	gatgcagtat	gactactatt	cttcatattt	480
tgatatattt	cttctggcag	tttttcgatt	taaagtgtta	atacttgcat	atgctgtgtg	540
cagactgcgc	cattggtggg	caatagcgtt	gacaacggca	gtgaccagtg	cctttttact	600
agcaaaagtg	atcctttcga	agcttttctc	tcaaggggct	tttggctatg	tgctgcccac	660
catttcattc	atccttgctc	ggattgagac	gtggttccctg	gatttcaaaag	tgttacctca	720
agaagcagaa	gaagaaaaca	gactcctgat	agttcaggat	gcttcagaga	gggcagcact	780
tatacctggg	ggtctttctg	atggtcagtt	ttattccctc	cctgaatccg	aagcaggatc	840
tgaagaagct	gaagaaaaac	aggacagtga	gaaaccactt	ttagaactat	gagtactact	900
tttgttaaat	gtgaaaaacc	ctcacagaaa	gtcatcgagg	caaaaagagg	caggcagtg	960
agtctccctg	tcgacagtaa	agttgaaatg	gtgacgtcca	ctgctggcct	tattgaacag	1020
ctaataaaga	tttattttatt	gtaatacctc	acagacgttg	taccatatcc	atgcacattt	1080
agttgcctgc	ctgtggctgg	taaggtaatg	tcatgattca	tcctctcttc	agtgaagactg	1140
agcctgatgt	gttaacaaat	aggtgaagaa	agtcttgtgc	tgtattccta	atcaaaaagac	1200

ttaatatatt	gaagtaacac	tttttttagta	agcaagatac	cttttttattt	caattcacag	1260
aatggaattt	ttttgtttca	tgtctcagat	ttatttttgta	tttctttttt	aacactctac	1320
atttcccttg	ttttttaact	catgcacatg	tgctctttgt	acagttttaa	aaagtgtaat	1380
aaaatctgac	atgtcaatgt	ggctagtttt	atttttcttg	ttttgcatta	tgtgtatggc	1440
ctgaagtgtt	ggacttgcaa	aaggggaaga	aaggaattgc	gaatacatgt	aaaatgtcac	1500
cagacatttg	tattattttt	atcatgaaat	catgtttttc	tctgattggt	ctgaaatggt	1560
ctaaatactc	ttatttttgaa	tgacacaaaat	gacttaaacc	attcatatca	tgtttccttt	1620
gcggttcagcc	aattttcaatt	aaaatgaact	aaattataaa	aaa		1663

<210> 8566

<211> 1561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1437)...(854)

<223> similar to gi2511529 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8566

tttttttttt	ttgaaggatt	tggcaaagat	ttattttttt	ttccatttcc	agtttttttaa	60
agtagacaca	gatttgctta	gaataaaagct	gatttttaaaa	gcacacaaaa	gttgaacaca	120
aaggagagga	ttaaattcac	caatgcagag	tgataaagag	gaaaagatac	tgagtaggtg	180
ccttcagcag	aaaactgatc	atccagggtg	atcacctaata	aatcggagac	ttaattcctt	240
ataatgcaaa	agcaagaaga	gtttagtgtg	tgaactgtac	agctgagttt	gtagctctat	300
cttggtttct	gttgattatg	aacaattagc	atagttatat	ataatctttc	tttagtagac	360
aacctgcac	catttaaatt	aaataatact	ttctacaata	gtgtgatata	taaggccaca	420
atatttattt	tggacaaacc	ccttaaagta	gcgattttat	tatcaatggt	attcattcct	480
ttgaaatata	aagtacttca	gctgaattaa	ggttgcagat	aattttttaa	atacaacaca	540
catcatgact	agtatattaa	aattatttat	attcagatat	ttatatctaa	tatcaaataga	600
aaatttacta	ccaaattttc	acagtagaca	ttaatcagtc	tgacatgctt	attgatccca	660
taggtgtaat	tatagatcaa	catgatttta	gtgtctattc	ttttatttta	ctaaattagg	720
aacgcagcat	ttacagaaca	aataaacaca	agtgacgtgg	ccaccccagg	atctaacagc	780
tcttcagtga	gctatgttgc	aagctcagaa	gtaatccact	aacgaaccaa	gtcagactcc	840
agttcttcat	caaaagggtgc	tggtaggaggt	tgtagacgc	cttccaatat	agatcccca	900
tccgatggcc	agcaaatgag	agagcagcag	agatggaagg	aaaactttca	gaaattctgc	960
agagaatatg	ccccctttct	tcatgacgct	cgtgttcttc	atgctgaggg	tggccgtgcg	1020
cttcgggtgt	ttaaagagga	actccttggg	gggaatattt	tccggccgac	ttgaccaatc	1080
ccatatccaa	tctgagtttt	tcttcaagat	gctttcaact	tctttccttc	tttcaatatc	1140
atcttctctca	gactgtgagc	tgttttttctc	tccaatgcta	tgggtatctg	tttcagaagc	1200
tctgttggtg	tcttgtggtg	tctgcgagcg	aggtagggctg	tcacagttag	agctccttgg	1260
gctactccgt	ccagactcat	gctgtgcgtc	cagcagattt	ttttccatgt	ctccattata	1320
aatagaaacc	gaggctggaa	cgtgcctccc	gttcccatta	ttgctgaagt	gcagttctac	1380
ccaggagccc	tgcaggctct	cctcctgcac	cccgggcgct	ccgttctgcg	acatggcgcc	1440
agagggcaac	tgcggcgatc	ggagtcgcgc	ccgggctgcg	ggatgtgctt	cagctgcggg	1500
cggtagggaaa	gcggagggtcg	gagcgccgcg	gcccagctgc	gctcccgac	tgagcggagc	1560
c						1561

<210> 8567
 <211> 3128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1821)...(2783)
 <223> similar to gi496898 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8567
agcggcgcgc cttttttttt ttttttcatt tcattcaaga gaattaaatc gtttattgat      60
tacacatgat aatggataca caagcttcat tcccatctat aattttatct ggtaccatta      120
ttcaatttag atatattgca taggatgtgc caacaatcac ttttataacc attccatgat      180
tttgcttggg taatcccttt taatggtgaa ctccaggtca caacagtaac tatcagttca      240
actacaccaa ggtttccgaa gacaatggct tctccaccca agcaggttgt atataaattc      300
caaatagaac ctggcatcac cctgaaggaa ttctaacttc aactgttggt ggaaatttac      360
caagatggct taagagtaga ctaactttac acagcacatt aaaaaaaga catttattca      420
gcgtcacgat cagactgtta catttagcaa tcaacagcat ggggtgcaa aaaaaaaat      480
ctacattaaa acccttttgt ggaatgcttt acactttcca cagaacagaa actaaaataa      540
cctgttatac aattagtcac aaatacagtc ctcgagtttt ttgcccatac acatgagtat      600
ttgtctaaaa catgtcttct ttgtagcagc taggccttgc caccactgtg cttggctgag      660
ttcacaaatc tggtgtaacc tgtagcttcc ctgtcacttc tctggctctc ctctcctgct      720
aagctttgtt tcctaattaa aatcttctgc cactgccata gctactgctg ctgctggaac      780
cgccatagcc accttggttt cgtgggtttg caaagtattg gcctccaccg ccataggggc      840
cagagcttct gcctccaaaa ttctctccct tcatgggtcc aaaatttgaa gactgattgt      900
tgtaattccc aaaatcattg tagcttccac cacctccaaa attgcttcca tcattaccaa      960
atccattata gccatcccca ctgccaccat atccaccacc caccacgggt ggcacccaaa     1020
gccaaaccaag gaccaactga agtttccctc acggaccgaa gttgtccatt cccaccgaaa     1080
accacctccc acgacccacc accaaaagtt tccaagaacc acttcgaccc tctttggggc     1140
tggtatgaaag cactagccat ctcttgcttt tgaacagggc ttttctaaac ttcacaggtt     1200
gtggcccatt cacagtatgg taattcctga aatggacaat cttatcccac ggagtccatg     1260
gtccgtccaa aggttacaaa aggcaaagcc cctttttctt ggccactggc ctccgggtcca     1320
gtcaatggat ttcaatcaac ttcaaatttt tccaataactt gttcaaaaata atctcttagg     1380
tgaatgttct ttcaggggtc ttctttaatg ccaaccaaac aaaatatctt ttttcacaag     1440
ttaatgtggg cacctgggtc ttttgagaaa tcttctcttg gaagacaagc tcctcttttg     1500
gttcccacaa ctctttacca tcccaccttt gtgtggcctt tgcattcata gctgcatcca     1560
cctcctccac acgtggcata tgtgacaaac ccaaagcccc ttggagcgct tgggtggttg     1620
ggatctctca ttaccacaca ggtccgtgaa gcgtttcccc cattgcctcg aaaatggctc     1680
ctcagggctc tcatcatgtt gtttcaaagc tcaaaccctc agaatgaaga gcttctcag     1740
ctgttcgggg ctcttttagga gactctgccc gtggacgcg cgaagaagc atcgtaaag     1800
tctctcttca ccctgcctgc atgtctaagt cagagtctcc taaagagccc gaacagctga     1860
ggaagctctt cattggaggg ttgagctttg aaacaactga tgagagcctg aggagccatt     1920
ttgagcaatg ggggaacgctc acggactgtg tggtaatgag agatccaaac accaagcgct     1980
ccaggggctt tgggtttgtc acatatgcc a ctgtggagga ggtggatgca gctatgaatg     2040
caaggccaca caaggtggat ggaagagttg tggaaaccaa gagagctgtc tccagagaag     2100
attctcaaag accaggtgcc cacttaactg tgaaaaagat atttgttggt ggcattaaag     2160
aagacactga agaacatcac ctaagagatt attttgaaca gtatggaaaa attgaagtga     2220
ttgaaatcat gactgaccga ggcagtggca agaaaagggg ctttgccttt gtaacctttg     2280
acgaccatga ctccgtggat aagattgtca ttcagaaata ccatactgtg aatggccaca     2340

```

actgtgaagt	tagaaaagcc	ctgtcaaagc	aagagatggc	tagtgcttca	tccagccaaa	2400
gaggtcgaag	tggttctgga	aactttggtg	gtggtcgtgg	aggtgggttc	ggtgggaatg	2460
acaacttcgg	tcgtggagga	aacttcagtg	gtcgtgggtg	ctttgggtggc	agccgtgggtg	2520
gtgggtggata	tggatggcagt	ggggatggct	ataatggatt	tggtaatgat	ggaagcaatt	2580
ttggaggtgg	tggaagctac	aatgattttg	ggaattacaa	caatcagtct	tcaaattttg	2640
gacccatgaa	gggaggaaat	tttggaggca	gaagctctgg	cccctatggc	ggtggaggcc	2700
aatactttgc	aaaaccacga	aaccaagggtg	gctatggcgg	ttccagcagc	agcagtagct	2760
atggcagtgg	cagaagattt	taattaggaa	acaaagctta	gcaggagagg	agagccagag	2820
aagtgcacag	gaagctacag	gttacaacag	atttgtgaac	tcagccaagc	acagtgggtg	2880
cagggcctag	ctgctacaaa	gaagacatgt	tttagacaaa	tactcatgtg	tatgggcaaa	2940
aaactcgagg	actgtatttg	tgactaattg	tataacaggt	tatttttagtt	tctgttctgt	3000
ggaaagtgta	aagcattcca	acaaagggtt	ttaatgtaga	tttttttttt	tgccccccat	3060
gctgttgatt	gctaaatgta	acagtcctgat	cgtgacgctg	aataaatgtc	ttttttttta	3120
aaaaaaaa						3128

```

<210> 8568
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(248)
<223> similar to gi4102195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8568						
gggacggggc	agcgggtgcac	aagaagagac	cgaggcgggt	ggccccgaga	gagccagggc	60
catggaggcc	aacatgccga	agcgggaagga	gcctggcagg	tctctccgca	tcaaagtcac	120
ctccatgggc	aacgccgaag	tggggaaaag	ctgtattata	aagcgatact	gtgagaaaag	180
atttgtgtct	aaatacctgg	caacaattgg	aattgactat	ggagtcacaa	aggtacacgt	240
cagagacaga	gaaatcaaag	ttaacatctt	tgatatggct	ggacatccct	tcttctatga	300
ggtaagaaag	cctttttgac	aaaacctata	tccagtattg	ttggtgggtt	ggggagagat	360
ccagaattat	atgaaacaac	caatattgat	atcatgtgta	aaattgcata	attttagctt	420
gatcgtggct	tgccttcaga	gccttgagtt	aatagacaac	tgttgatttt	ttaggttatc	480
ctgttaaata	gtggtaggaa	atttcattgc	caatatttca	aacatttcaa	taagacattt	540
tgactttcag	aggacttttg	ctttttacct	catactttag	cctaaaatgt	g	591

```

<210> 8569
<211> 664
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (573)...(131)

```


<223> similar to gi1596163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8569
tttttttttt ttggaggagg gggtaattta ttttaattgt tgactctggc ttacaatttt      60
gtcttctgtt tccatatctg ggtcattaga agccccctca atcccatcat cccttttccc      120
ttcaaatcag ggcaactcag agatagcttt cttggctggg gggcctgttg gcttttccct      180
ttctctcgct ttttccctcat acatcaggat catttttagg atggcagatc tcttgcccag      240
catcatcctg agaaagtcag ggtagctgaa cgtctccccg gagccactgg acacctctcc      300
aattaatttc tttagctcta ggtgagcttt ggggactcca agtttctcca gcattcgttt      360
cagggacatg atatcaatat cgccatttcc attaagggtca aactccatgt atttctcttt      420
gaagccttcc agtttgaggg gcagatcctc atcactgcta tatttgggat cgtctaggaa      480
ttgcttggtg atctcatcca gcctctcttc ctgctgggcc ttcagcagtc cgaaagcttt      540
tcctccctgt aaatccctgg tttggctcat agctcagcag atgctggtag aggtggggag      600
acagaccaag ctggaggcct ctgtctgcag gctctccttc tctcccacca gtcttctcag      660
aagc

```

<210> 8570
<211> 834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (155)...(557)
<223> similar to gi455523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8570
gggagcgcag cggcttctag gggtgagtgg gaccacgcg gccccacctg ctctccccgc      60
gcgcggcccc accccctgc cccgccccgc ctggtttata ggtcccggcc cgagcctccg      120
gccgcccgcc gggtttgtcc cgcgatcccc gacctgccc gccgacctca gcggtacttg      180
gacctgtctc agcagcgaca acttcgaggg ctacatgctg gccctaggta ttgactttgc      240
cactcgtaaa atagccaagt tgctgaagcc acagaaagtg attgagcaga atggggattc      300
ttttaccatc cacacgaaca gcagcctaag gaactacttt gtgaaattta aagttggaga      360
agaatttgat gaagataaca gaggcctgga caacagaaaa tgcaagagtt tggttatctg      420
ggacaatgac aggtcacct gtatccagaa gggagaaaaa aagaacagag gctggaccca      480
ttggatcgaa ggagacaaac tccacctgga aatgttctgt gaaggtcaag tgtgcaaaca      540
gacattccag agagcctgat ccacatccag cagcagagcc cacttgtggc tgcagcttta      600
tgccaaatta tattgcagac tgaacagacg tttatctatc ccatttggcg acgaggactc      660
gtggctggag agagccacac agcgtgtaac ctgaagtcac ctagattatg gggaaactgc      720
tcagcttcaa taaacctgtc caaatgaaaa aaaaaaaaaa gggggggccg ttttaaagga      780
tccttgaggg ggcccaagtt tacgcgggct tgcaagggtta tagttttttc ctta          834

```

```

<210> 8571
<211> 3271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (421)...(2954)
<223> similar to gi860937 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8571
cgatttcgtc tgcaaggccc cgggtctccc ctgcgcctgc gcggcgagca gctggcggaa      60
ccggcatctt ctggcgccag cttccggctt agcggctgag cttcaggctt gacgtcagga      120
aaccatcaag atctcathtt acagctggga ttctctgggt cacagaggta acggagcttg      180
cccgaggcca gttaaacgag aagattcatc accgctttga tggctgcctc acaaacttca      240
caaaactgtt catctcacgt tccttttgca gatttgtgtt caactttaga acgaatacag      300
aaaagttaa gacgtgcaga aaaaatcaga cacttcaggg aattttttaga ttcttggaga      360
aaatttcatt atgctcttca taagaaccac aaagatgtca cagactcttt ttatccagca      420
atgagactaa ttcttcttca gctagaaaga gagagaatgg cctatggaat taaagaaact      480
atgcttgcta agctttatat tgagttgctt aatttaccta gagatggaaa agatgccttc      540
aaacttttaa actacagaac acccactgga actcatggag atgctggaga ctttgcaatg      600
attgcatatt ttgtgttgaa gccaagatgt ttacagaaa gaagtttaac catacagcaa      660
gtaaacgacc ttttagactc aattgccagc aataattctg ctaaaagaaa agacctaata      720
aaaaagagcc ttcttcaact tataactcag agttcagcac ttgagcaaaa gtggccttata      780
cggatgatca taaaggattt aaagcttggg gttaatcagc aaactatctt ttctgttttt      840
cataatgatg ctgctgagtt gcataatgtc actacagatc tggaaaaagt ctgtaggcaa      900
ctgcatgatc cttctgtagg actcagggat atttctatca ctttattttc tgcattttaa      960
ccaatgctag ctgctattgc agatattgag cacattgaga aggatatgaa acatcagagt     1020
ttctacatag aaaccaagct agatggtgaa cgtatgcaaa tgcacaaaaga tggagatgta     1080
tataaatact tctctgaaa tggatataac tacactgatc agtttgggtgc ttctcctact     1140
gaagggttct taccgccatt cattcataat gcattcaaa cagatataca aatctgtatt     1200
cttgatgggt agatgatggc ctataatcct aatacacaaa ctttcatgca aaagggaact     1260
aagtttgata ttaaaagaat ggtagaggat tctgatctgc aaacttggtt ttgtgttttt     1320
gatgtattga tggttaataa taaaaagcta gggcatgaga ctctgagaaa gaggtatgag     1380
attcttagta gtatttttac accaattcca ggtagaatag aaatagtgca gaaaacacaa     1440
gctcatacta agaatgaagt aattgatgca ttgaatgaag caatagataa aagagaagag     1500
ggaattatgg taaaacaacc tctatccatc tacaagccag acaaaagagg tgaaggggtgg     1560
ttaaaaatta aaccagagta tgtcagtgga ctaatggatg aattggacat tttaattgtt     1620
ggaggatatt ggggtaaagg atcacggggg ggaatgatgt ctcatcttct gtgtgcagta     1680
gcagagaagc cccctcctgg tgagaagcca tcggtgtttc atactctctc tctgtgtggg     1740
gctggctgca ccatgaaaga actgtatgat ctgggtttga aattggccaa gtattggaag     1800
ccttttcata gaaaagctcc accaagcagc attttacgtg gaacagagaa gccagaagta     1860
tacattgaac cttgtaattc tgtcattgtt cagattaaag cagcagagat cgtaccagat     1920
gatatgtata aaactggctg caccttgctg tttccacgaa ttgaaaagat aagagatgac     1980
aaggagtggc atgagtgcac gaccctggac gacctagaac aacttagggg gaaggcatct     2040
ggtaagctcg catctaaaca cctttatata ggtggtgatg atgaaccaca agaaaaaag     2100
cggaaagctg ccccaaagat gaagaaagtt attggaatta ttgagcactt aaaagcacct     2160
aaccttacta acgttaacaa aatttcta atatttgaag atgtagagtt ttgtgttatg     2220
agtggaacag atagccagcc aaagcctgac ctggagaaca gaattgcaga atttgggtgg     2280
tatatagtag aaaatccagg cccagacacg tactgtgtaa ttgcagggtc tgagaacatc     2340
agagtgaaaa acataatttt gtcaataaaa catgatgttg tcaagcctgc atggccttta     2400
gaatgtttta agacaaaaag ctttgtacca tggcagcctc gctttatgat tcatatgtgc     2460

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ccatcaacca	aagaacattt	tgcccgtaga	tatgattgct	atggtgatag	ttatttcatt	2520
gatacagact	tgaaccaact	gaaggaagta	ttctcaggaa	ttaaaaattc	taacgagcag	2580
actcctgaag	aaatggcttc	tctgattgct	gatttagaat	atcggtattc	ctgggattgc	2640
tctcctctca	gtatgtttcg	acgccacacc	gtttatttgg	actcgtatgc	tgttattaat	2700
gacctgagta	ccaaaaatga	ggggacaagg	ttagctatta	aagccttgga	gcttcggttt	2760
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gatcatagtc	gtgttgacaga	ttttaaaagct	tttagaagaa	cttttaagag	aaagttaa	2880
atcctaaaag	aaagttaggt	aactgattca	atagacaagt	gtgaattaca	agaagaaaac	2940
cagtatttga	tttaaagcta	ggtttcctag	tgaggaaagc	ctctgatctg	gcagactcat	3000
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gacaatagcc	caaagccaag	aaagaaaaat	tatcttgaat	gtagtattca	atgatttttt	3180
atgatcaagg	tgaaataaac	agtctaaaga	agaggtgttt	ttataatatc	catatagaaa	3240
tctagaattt	ttacttagat	actaataaaa	t			3271

<210> 8572

<211> 2948

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (500)...(895)

<223> similar to gi5689172 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8572

cagttcctgc	tttcagaagt	tgctagagtg	tttctctttg	aacttgaact	gtggctcttt	60
tgatatccag	aaagagagtt	ctttgggggg	atggttaatt	cttgtttttg	gtgcttttct	120
tcaccgctct	aaggaactac	cacagtcaga	aggtgcattc	ttactgcat	ctttttattt	180
gctaccttgg	gcttaaggag	cctgcctata	tctactgagg	tgaggttagg	tcagtctctg	240
taaccgttcg	tcacttaggc	cttgatgggt	gacatggatg	gggatgactt	cctgggctaa	300
ctcttctctt	gctaaaggat	gatttttcac	caccttgaat	gcccattgatt	aaaacataaa	360
caagaaaata	gatatctgag	gagaatgcag	ttgaaactaa	ttttgtggat	agagaaactg	420
ttggaactgc	tttacaagt	attttaacag	cccacctgag	gatattgacc	ataaggactc	480
atatctcatt	acaagaagca	tcattggcca	gccagactac	atagaagatg	acaatcctga	540
actcattagg	cctcagaaac	tgatcaatcc	tgtaaaaacc	tcccgaacc	atcaagatct	600
tcacagagaa	cttcttatga	atcaaaaaag	gggtcttgct	cctcagaaca	aaccagaatt	660
gcagaagggtg	atggaaaaaa	gaaaacgaga	ccaagtaata	aagcagaagg	aagaagaagc	720
acagaagaag	aaatctgact	tggaatatga	gctattaaaa	cggcagcaga	agttggagca	780
gcttgaactt	gagaagcaga	aattgcaaga	agagcaagaa	aatgcccccg	agtttgtgaa	840
gggtgaaaggc	aatctcagga	gaacaggcca	agaagtcgcc	caagcccagg	agtcctaggc	900
tgaggctgca	ccaagacctc	gtgtgtcacc	ccacagagct	gtctgtgggt	gccttctcaa	960
tctcagggca	aaagcccctg	gagaatatct	cagccagcag	agaattttga	cttgcatgag	1020
gatttggttt	gatttttcta	cgatctgggt	ggatgccttg	cctgtgacag	ttgcagttcc	1080
tattcgccaa	atgaagggca	gtgccccgca	cgtaagttgg	aatgatggac	ctgtgttcag	1140
agacttaaca	gaaccaacaa	gcaaaacaag	tgagaacagg	aaaaaggaag	aggacactgg	1200
aatcaattct	tgagagttgc	actacttggt	ttttcttcca	ttccaagttt	cgtgggaccc	1260
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gaccagaaat	tgtcttgttt	aattttatact	ttcaccctctg	ttgcagttaa	caccagagaa	1440
ggaacgtgaa	tgtcagcac	agccactacc	cttgttggca	cttaatttag	aaataggggtg	1500
agaagtttaa	aagcccatct	tgattttatt	ttcattcctt	ttggttctct	gtgtaataat	1560
agcaggctac	atagtacat	tccagttcca	agaagggtaca	tcctgtccat	tcattaattg	1620
ctttgattac	taggaggggt	tctgttcagt	tttgttttta	aatgtcttgc	tgatctagtt	1680
ctttcagatg	gaataacctt	ccagtcctct	agagagtgga	actagtccat	ataaccagc	1740
ttcagtagca	aaagtagaag	ccgccacatc	ttttcatttc	tccaagagga	gagtggggaa	1800
ggttcccatg	accagctggg	cagtcaggat	ttctctaggc	attctaattg	gaaataagt	1860
tagactgctg	tcaaggaggc	ttcatcagaa	gatgtatagc	atttgaatgt	ctaataata	1920
tgcataatcat	tagaatccaa	gctttgaaaa	tttctgatta	atgctcatgt	atttctttat	1980
ctttgttttt	ccttgtgaag	aaagactttc	accactgtct	gagtgtgat	gctgttgata	2040
aggatgatgt	cgatgactac	tatattgcat	ctctcaggaa	cagctgatgg	gaagggagg	2100
gctgctgagt	tcccttggtc	tagctagcag	cacgctcctc	agagaggggg	ccgagttaca	2160
gacagcagcc	gcattctcat	gcaaaaattag	ttttaaaactg	ctagtgtggg	catcgggtacc	2220
ttttgcctgg	gtgataccga	agaattgttg	aggatttagt	atgctccgta	gagacagttc	2280
agccagtcct	ttctgcattg	gagagacttc	tcatactttc	tttgagtctt	caaagaaagt	2340
atgagaagac	tcatagaaag	ctggatctag	agcttttgaa	tccttaatta	gcacagtaga	2400
aattagcttt	ctatgggaat	gcttttagtgt	tagcagttga	caattaggcc	catattcaat	2460
ctgaatggga	acaaaagtaa	atgcaatgat	aatatactgc	tagttagaga	aacatgttag	2520
ttgattatac	ctgaaatgga	ttattttatct	catcagcaag	tattatttga	ataaaatgag	2580
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tattttttcc	catcgttctt	ttgagagaag	gaagtgtgat	gactgatgat	cttgaaaagc	2700
ccatttctga	ttgcacgttg	actggaattc	tttctttgtg	tctgtggact	agcgatgctg	2760
tttgtaaaat	gaagattcgg	gactggctca	tatcttttta	tctaactaga	tgtcagatct	2820
tgaaatctgt	attctcgaag	caattctgcc	acttgatcgt	attcacaggg	gccctggtag	2880
gctcctttag	aaggaccatt	tctgttcccta	gagcttaact	agaattcatt	cttactgaa	2940
aaaaaaaa						2948

<210> 8573

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (269)...(1127)

<223> similar to gi726136 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8573

cgacggcgca	gcacgggtgcg	gcgcagctcc	tgctcgcctt	tcccttcgct	gggcgagagg	60
tgtctatggg	gcaccgctg	ccgccgcgc	taccgccacc	gccaccgcca	ccgccgcga	120
gtgctgtctc	tatggcgagg	aggaggagga	ggagcgcgag	ctcagcgaca	caagtacata	180
aataaaggat	aaaatatatt	atgaaacaaa	tcttcaatca	agtataacat	tttgatgctt	240
ggcatctaga	ctcccttggt	ccctcactat	gccagcggca	actgtagatc	atagccaaag	300
aatttgtgaa	gtttgggctt	gcaacttgga	tgaagagatg	aagaaaattc	gtcaagttat	360
ccgaaaatat	aattacgttg	ctatggacac	cgagtttcca	ggtgtgggtg	caagacccat	420
tggagaattc	aggagcaatg	ctgactatca	ataccaacta	ttgcgggtgta	atgtagactt	480
gttaaagata	attcagctag	gactgacatt	tatgaatgag	caaggagaat	accctccagg	540
aacttcaact	tggcagttta	attttaaatt	taatttgacg	gaggacatgt	atgccagga	600

ctctatagag	ctactaaca	catctggtat	ccagtttaaa	aaacatgagg	aggaaggaat	660
tgaaccag	tactttgcag	aacttcttat	gacttctgga	gtggtcctct	gtgaaggggt	720
caaattggtt	tcatttcata	gcggttacga	ctttggctac	ttaatcaaaa	tcctaacc	780
ctctaacttg	cctgaagaag	aacttgactt	ctttgagatc	cttcgattgt	tttttcctgt	840
catttatgat	gtgaagtacc	tcatgaagag	ctgcaaaaat	ctcaaagggt	gattacagga	900
ggtggcagaa	cagttagagc	tggaaacggat	aggaccacaa	catcaggcag	gatctgattc	960
attgctcaca	ggaatggcct	ttttcaaaaat	gagagaaatg	ttctttgaag	atcatattga	1020
tgatgccaaa	tattgtgggtc	atttgtatgg	ccttggttct	ggttcacctc	atgtacagaa	1080
tggcacaggg	aatgcatatg	aagaggaagc	caacaagcag	tcatgacatg	aaatagtcct	1140
tttattttta	tttcgagcta	cacacatgct	tgtatatagg	ttttatctct	ggttgaatcc	1200
ctcgaacaat	agacagtacc	tttccccccc	ctttcatggc	ccattttatt	gtctgccttt	1260
cagtactaag	tatgaccggt	cctatctcag	atcttaataa	aaagaaaaaa	aaaaacgc	1320
tcaggttaaa	tttggcctta	atttaataata	cttggttagca	agcgtgtgtg	acagagagtg	1380
gggaaagcta	catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatttt	1440
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cttccatttt	gcaggagttt	tagctattttg	agatcgtgga	ccatcagttt	tgacttttag	1560
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tctaattggc	atgtgtaggc	tgctctgtga	ctgaagaatt	ttcaaaccag	ctttacaccc	1860
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tggtgaagct	acagttattt	tatgatagca	cacttccctt	gatctgctta	tttttattcc	1980
atcaccattt	accctttttt	ttttttaaat	tttgaagcca	ttcttatgat	gctcttgatt	2040
ggtgggttac	acaaatcaat	tttattaaaa	atccaaagat	aagtcttttag	gtatatatttg	2100
tcccaaatta	aattaaaaaa	caaaaatggg	gctttcatag	ttgctacaaa	ggtaaataat	2160
ggagagattt	ggtccaaacc	acaaaatat	atatatat	tcatatatat	atatatagct	2220
gataaaatta	cctgggggag	gtaatgctta	tttttttggtg	tatatctttg	caacctattt	2280
tatatatatt	gacaaaagag	actgtgaaat	acttaggcca	tgagaatat	gtgaccagac	2340
cggagcatgt	gtaggaagac	tttacagtaa	tcattaactc	taccccgaaa	tgatggacta	2400
caagttataa	tgtgtgttac	ctacacttca	atcagtaata	ttagcaaatc	tccaaatggt	2460
agtcacatt						2469

<210> 8574

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(673)

<223> similar to gi5531829 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8574

gcggccgcc	ttggctgggt	tcggcgcagc	taacagacgg	cggcagtgcg	agaaagccga	60
agatggcgg	ccccgcggcg	ctgatcctac	gggagagccc	cagcatgaag	aaagcagtg	120
cactgataaa	tgcaatagat	acaggaagat	ttccacgggt	gctcactcgg	attcttcaaa	180
aacttcacct	gaaggctgag	agcagtttca	gtgaagaaga	ggaagaaaaa	cttcaagcgg	240
cattttctct	agagaaaca	gatcttcacc	tagttcttga	aacaatatca	tttattttag	300

aacaggcagt	gtatcacaat	gtgaagccag	cagctttgca	gcagcaatta	gagaacattc	360
atcttagaca	agacaaagct	gaagcatttg	tcaatacttg	gtcttctatg	ggtcaagaaa	420
cagttgaaaa	gttcgggcag	agaattctgg	ctccctgtaa	gctagagact	gttggaaggc	480
agcttaacct	tcagatggct	cactctgctc	aagcaaaact	aaaatctcct	caagctgtgt	540
tacaactcgg	agtgaacaat	gaagattcaa	agagcctgga	gaaagtctct	gtggaattca	600
gtcacaagga	gttgtttgat	ttctataaca	agctagagac	tatacaagca	cagctggatt	660
cccttacatg	atgttttcga	agactgtttt	tttcatcacg	ctcctgccac	ctcattatct	720
tgcattgaag	atacattgcc	aggttgtgtt	ttctgaagga	ttcagtgact	tgctttctgt	780
aaattatatg	gcttatcact	tcttagacaa	ataacaacca	atagagatca	ttgttaagaa	840
tactgaggtt	ctaataact	ttctttagtt	ctgtgagcca	acagtaatta	ttaagaacac	900
tttcccttta	aaggaaacaa	aagtgaatac	catattgttt	ttactgtcat	agtgttgctt	960
tcttgctgtg	cctgcttagt	ttttacttgc	tggatgatac	cataatgtat	caaggagcgt	1020
ccatggatac	aagataagat	gtgtacctta	gtagaataca	gagctttggt	aattacatga	1080
ataaaattaa	gaaaatagcc	atatacaatc	aaatacacta	tggcattttt	atttgaatat	1140
gatgagtata	ttttgcttcg	gaaataatat	aggaaggaaa	tgtaaaatag	tgagttagtat	1200
ggtatcagtt	aattccagtc	tgagcttctc	tgtcaacttc	agtttctctc	tcagtttaat	1260
gatttaataa	tagtccaggt	ttttgtgtgt	ttttctttat	actgcaagtt	aataatgatt	1320
cactttatag	tttgggagac	agaatcaggt	cttgaataaa	ataattgtaa	tgagtgctaa	1380
atgggcacca	ttattcgaat	caaatacctt	ttatattctc	tttccataaa	tacgttgatt	1440
tctgtcaata	aaatttttgt	gtcttagaaa	aaaaaaa			1477

<210> 8575

<211> 1231

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1205)...(313)

<223> similar to gi3402830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8575

tttttttttt	ttagcacttg	gttattttat	ttcctcaaaa	ataaaacaga	aaggaggcgg	60
ggccccagct	cagcaccagg	tgggcagctc	ggagtgtgtg	cctccctcct	ccagggctcg	120
cctccgcctt	tcctcccgcc	cctactggca	gccaacaagt	caacggaatt	cctggccttt	180
gagatgtcac	cccaaagcc	acctgagttg	agtgaagaaa	cactctcttg	gtgaaagcag	240
aagcggagct	accaggccag	gcattgctgg	tggccggcat	cacctgagct	cgctgtgtc	300
ctgcccagct	tcagtgggtc	ttccccggc	cctctgagat	gacatcctcg	ggccggggcg	360
gcatgtacca	ctccaccag	gagccatcgt	agatgggcac	gtctggcttg	ccgcagaggt	420
aggcccctag	tgccacgtgg	caggctgtga	cgccagagcc	acacgtggcc	accagtggct	480
tagacaggtc	cactttcttc	tcctggaaca	gatggcggat	ctcctcaggg	ctcttctcca	540
gcccctcctg	gctcaggaag	tctgtgaagg	ggatgttcac	ggtacctggg	atgtggccag	600
gttcaatgcc	gtctcggggc	tcgggctcgg	tgcgcgggaa	cctgccagtg	gctcgggagt	660
ccaccacctg	gaagcgccgg	gattccaggt	tctccttgat	gtcctcgtag	gtcttgatga	720
aggcggggtc	gagctgagcg	cggaactcgg	cgggagcagg	ttggctcttg	ccggagctga	780
gcgggaggtt	ctggcgagcg	cagtggcgga	ggccgccatc	aagcagtgac	acggcggtgt	840
ggccgaaggc	gcggaacatc	caccagacgc	gcggggcgga	gtagaggccc	tggtcgctgg	900
cgtcgtagat	cacgacgtgg	gtggccgcgc	ccacgccag	gcggcctgcg	tactccgcga	960
aatgctcggc	cccgggcagc	atgtggctcg	agggcgaggt	gcggctcgctg	cactggctga	1020

tgctgaagaa	agcggcgccc	gggatgtggc	gctcctcgaa	ctcgcgtcgc	gcgtcgcgcc	1080
ccagcttcgg	caggtaccag	gaggcgcca	gcagctgcag	aggctgcca	gcgcgcgggg	1140
cccgcagcgc	ctccgccacc	cattgcgcgc	acaccagcgc	gcggcagagc	tgccgcgaag	1200
ccatggcggc	gacactcggg	ctgcgggcct	g			1231

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<210> 8576
<211> 1357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1271)...(853)
<223> similar to gi4510425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8576						
ctttaagag	accaaaactt	tcaacaaaa	aaaacacata	ttttataaa	gaaagataaa	60
agaaagtctc	ataatcatga	ttctgtatgc	tactcaggca	ttgaaaagg	accctcaatg	120
aaattacttt	tcaccattgg	tttcaggata	taaaacaatt	aaaattagaa	cacactaaac	180
gctgcactat	agttcatgac	atctgcatgc	cacacaaaaa	atcaaaatgt	agtctcacat	240
aggctgatca	tactagagta	tatttattaa	atttcaccat	tatgatcact	ttgttataac	300
taaattaacc	ctgacataaa	ctttgacatt	ttaaaaacag	agaacatact	gattttttcaa	360
ctattttact	tacatgtgtt	ttttaattct	catgcagtgc	tcataattag	gagatactac	420
atattcaccc	tcacattatg	cttattaaga	accaagctca	gagggtagaa	aagtgcacac	480
ttcattttcc	ataaacttcc	catacatata	ttaagccact	gttcttctaa	ttatatactt	540
atggtacatt	cttctgtaaa	atgtataact	gtagtcacat	aaccattgtt	atgacaaggc	600
ggcaacatca	tttcagatta	caacaaatga	gacaaaaagt	tgaagagacc	acagcatata	660
aaagtcagta	gaacaccaca	cacatttcaa	tattttccac	tttccagtca	aaaaaacatg	720
cacaaagttt	tcttagcaga	tagttgtcag	aagtgcataa	aaaaactggc	tttcagggtca	780
tatatgttga	gtgaggatca	atgccattga	ggaaagagag	ctgtgttcat	tatcttttag	840
gtctgtctat	atcatctata	gctgctagaa	gtttttgtct	tgctttctta	ttgatatggg	900
atcccaggca	aacattcacc	agattgggtca	gctgcttcgt	tgaatattcc	ctgtgctctt	960
tgatccaccg	ttccatgtca	ttctcagtta	ggtaataagc	tttaataata	gtttctacaa	1020
attctttatc	aggaatgggt	ctaatatctg	ttagtttttc	aagtttcatt	aaaaactgtt	1080
gaaaatccaa	ttgcatcagg	gcacgacct	cattactgca	tttcttgaca	ttggcatatc	1140
cttctacaat	agttcgatta	gccaatcgta	tacaatgttc	ccaaagtata	ttagacacag	1200
gcaagggtat	gcgaactctc	ttagaaactt	catttagcct	cctgttaaac	tgctcaaatt	1260
cctttaatag	tgcattctaca	tatatgttgt	gctgtgacat	aatttctttt	acatcccatt	1320
tcacctcgtg	ccgaattcct	gcagcccggg	ggatcca			1357

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<210> 8577
<211> 4328
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (4271)...(1515)
 <223> similar to gi3882211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8577

tttttttttt	ttcagtagaa	accattgaag	tttattggcg	gtcacaaatgc	ttacactgta	60
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acagtcgcca	gaggagaagg	aaaaaaaaatt	aacaggcttg	tttctggggg	tagaggaaag	180
aaataaaaaat	aaaacctaatt	tgatgagtg	cccgtgggca	agagctgaac	tagagatgtg	240
tacaactagc	agcaacaatt	gtggaaaaag	tacaaggcaa	atagctgtct	ccattaattt	300
tcctctgtag	gttattattt	tttttaatat	tcaaaacatt	tattatgggt	ttcattttat	360
aaaaatgtat	attttttaag	ggatgggaga	atgttaaata	cttcatgcta	ggtagaccct	420
gttattaaga	acccttcac	tgtagtaact	tcctccagtt	catacattca	tgagtgcagg	480
gtacatatat	aaatatccac	acgcatacat	ccacacacac	tgccctcgagg	gctggggaag	540
actaaaattt	attggccaca	cacagcaggg	cctctggtgg	actcaccac	attgctccca	600
ggagagcagt	gggtcactt	ccttctctct	ggtctctgcc	ttcacacaga	ccaagaaccc	660
tacaacacgt	cgtaaatacc	aacttttaaa	agcaagaggc	atctgtctga	ggatgagggt	720
aagcaaagta	ggaaagagg	tggagataag	aacacccaaa	cacttttagc	tggagttatt	780
tatcactgca	aggggctagg	gaccagggc	agaatctata	cggtccaagg	ggagggacgg	840
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atttctgggt	gaggacagg	caatacga	aaatatacat	ttggaatttt	agcttttttt	960
ttgcctctct	actgtgtcac	taaatatatc	tctgcactct	cacacatcct	tgtccagtaa	1020
agcttcaggc	caccagaata	cacattttct	tcactcgcat	acacaacccc	tcacatcagc	1080
attgggtgcac	tagactctgt	aaaaattttt	cagtcacact	ttttgttttt	aaacttgagt	1140
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gatgtgcaga	aagcggtcgc	tctcctgggt	caggggtgtg	gtcctcttct	tgggtgctacg	1920
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cagctgtttg	cacagattct	ctagttgggc	caggtctctg	acatgatccg	ccattttgct	4260
ccattcatgc	tcctctccgg	ccccccctcc	cccccagcgc	gcacctcggc	cggagccgct	4320
gcacgaaa						4328

<210> 8578

<211> 1160

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(763)

<223> similar to gi3153885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8578

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ggtgaccttg	tcctgcctgg	ggactttggg	tcaggccccg	aggcaaaagc	aaggaagcac	180
tggggaggaa	ttccatttcc	agactggagg	gagagattcc	tgactatgc	gtcccagcag	240
cttggggcaa	ggtgctggag	aagtctggct	tcgctcgcac	tgccgcaaca	cagaccagac	300
ctactggtgt	gagtacaggg	ggcagcccag	catgtgccag	gcttttgctg	ctgaccccaa	360
atcttactgg	aatcaagccc	tgcaggagct	gaggcgcctt	caccatgcgt	gccagggggc	420
cccgtgctt	aggccatccg	tgtgcaggga	ggctggaccc	caggcccata	tgacgagggt	480
gacttccagc	ctcaagggca	gcccagagcc	caaccagcag	cctgaggctg	ggacgccatc	540
tctgaggccc	aaggccacag	tgaaactcac	agaagcaaca	cagctgggaa	aggactcgat	600
ggaagagctg	ggaaaagcca	aaccacccac	ccgaccaca	gccaaaccta	cccagcctgg	660

accagggccc	ggagggaatg	aggaagcaaa	gaagaaggcc	tgggaacatt	gttggaacc	720
cttcaggcc	ctgtgcgcct	ttctcatcag	cttcttccga	gggtgacagg	tgaaagaccc	780
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tccaacgttc	tcacactgga	agaagagagt	ttctaatacag	atgcaacggc	ccaaattctt	900
gatctgcagc	ttctctgaag	tttggaagag	aaaccttccct	ttctggagtt	tgacagagttc	960
agcaatatga	tagggaacag	gtgctgatgg	gccaagagt	gacaagcata	cacaactact	1020
tattatctgt	agaagttttg	ctttgttgat	ctgagccttc	tatgaaagtt	taaatatgta	1080
acgcattcat	gaatttccag	tgttcagtaa	atagcagcta	tgtgtgtgca	aaataaaaaga	1140
atgatttcag	aaaaaaaaaa					1160

<210> 8579

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1533)...(919)

<223> similar to gi3702627 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8579

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ggaaggaaag	gaacagagaa	gtgaagaaca	gatacctccc	tccaagggtca	aatgcctcgt	180
gatcttggca	gagtagggat	tgggcaataa	gcatcaggta	tcttcctctc	acagattcta	240
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gtgaagggac	ttggggggca	cagctcagca	accagtgagg	agtttagcacc	ccctcccacc	480
ttatgatgtg	tgtggacctg	gccagtgcgc	ctctgaacat	atcattatta	gtgtaattat	540
catttatctt	gtgtatttgt	cacatttgtt	gcatgacagc	ctttgttaag	gggtgctgag	600
gagtatggag	ctgacagggg	cattggaatg	ccaggaaaga	acttcttcaa	ctgagatcaa	660
ggcttccttg	agggaaaccac	tgcaaaaagg	ccatcaggca	gttttcaagt	tatgtgacag	720
agggcaaaga	cggccatagg	gtgctctgag	ttttgggatg	gtcacatgac	acaatccagc	780
acttgaacct	gggttacatg	ctccctcatt	gcgaggcagg	acgtaggcac	atgactgtgc	840
atthagcat	atatgtgacc	aagaagaagg	agagaaatgg	aaaacactgg	agaacagaaa	900
gtatcaggaa	cttttcatca	ggcaatccca	aagcgctctg	ctcttttccct	cttctttgcc	960
tctgtatcct	ctgtggttcc	agttccagct	gaacttgtga	caatcccaaa	tcgtctcttc	1020
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aatcttttag	ctcttttctt	cagcttatcc	aagttaacca	taggtttggt	atcagatgac	1140
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tccaagctca	caggtacatt	gaatcgttca	gccctcttct	gcattctctc	agtcgttggt	1260
atctcagatg	taattttcac	cactttcttc	tctgtctgca	catcaacagt	tttttcaggg	1320
ggttcttctc	ctttgacagg	gagctcaatg	ggctttgttt	cttcttcttc	tgtttcatct	1380
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gtggg						1565

<210> 8580
 <211> 1796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(1442)
 <223> similar to gi3873561 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8580
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atgagaaggt  gctgcaggag ctagacatga gtgattttga ggaacagttc aagaccaagt      180
cccaaggccc  cagcctggac ctcagcgctc tcaagagtaa ggccagcccag aaggccccc      240
gcaaggcgac  actcattgag gccaaaccggg ccaagaactt ggccatcacc ctgcggaagg      300
gcaacctggg  ggccgagcgc atctgccaa g cattgaggc gtacgacctg caggctctgg      360
gcctggactt  cctggagctg ctgatgcgct tcctgcccac agagtatgag cgcagcctca      420
tcacccgctt  tgagcgggag cagcggccaa tggaggagct gtcagaggag gaccgcttca      480
tgctatgctt  cagccgcctc ccgcgcctgc cggagcgcat gaccacactc accttcctgg      540
gcaacttccc  ggacacagcc cagctgctca tgccgcaact gaatgccatc attgcagcct      600
caatgtccat  caagtccctc gacaaaactcc gccagatcct ggagattgtc ctggcctttg      660
gcaactacat  gaacagtagc aagcgtgggg cagcctatgg cttccggctc cagagcctgg      720
atgcgctgtt  ggagatgaag tcgactgatc gcaagcagac gctgctgcac tacctgggtga      780
aggtcattgc  tgagaagtac ccgcaactca caggcttcca cagcgacctg cacttcctgg      840
acaaggcggg  ctcagtgtcc ctggacagtg tcctggcgga cgtgcgctcc ctgcagcgag      900
gcctagagtt  gacacagaga gagtttgtgc ggcaggatga ctgcatggtg ctcaaggagt      960
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gcagtgcccg  tcggcgctccc ccgggcccc cactgcaggc cacctccgac ctctcgctgt     1440
agccgctatt  tctgcagggt gattctgcag ggggtgtggg ccgtggacag gctgaggctc     1500
aaggaagggt  gtcctcagct cggctggcgg ggcagccct cctccgctgt ggcccgcctc     1560
aaacgggctg  gtgcatcctc ctcttgcca cagaggcag catcgccgc cccttcccc     1620
aatgctgct  tgcagcacc accctaaagc cccctccaaa tagccatact tagcctcagc     1680
aggagcctgg  cctgtaactt ataaagtga cctcgcccc gcaagccca gccccagga     1740
ccgtccatgg  accttatttt tatatgagat taataaagat gtttgcaaaa aaaaaa      1796

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<210> 8581
 <211> 3348
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3349)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (427)...(1924)

<223> similar to gi2088839 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8581

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ataattcgtg	tccagtcctc	agatggaggg	aagcggatca	cagcaacaaa	gagagaaaca	180
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gtttacatca	atagaaacaa	gactggagag	ataacagcct	cctccaacaa	atccctcaac	300
ttgctaaaaa	tcaagcatgg	cgatttggtg	ttcctgtttc	cctcgagcct	tgctggggcc	360
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gccacgtgac	ccacattctt	ggcactatga	acagagaaca	tttgctgtt	ggcttctgaa	3300
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<210> 8582

<211> 4527

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(3579)

<223> similar to gill36424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gattgaagcc	gcctctgtat	ttcttaccag	ggtcctcact	gagcagcgag	tcgtcccccg	180
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ggaggtttga	agcttacaaa	atgagaatgt	gccatgcatg	aagcaaagga	ttccaggctc	3720
cagaaaaaat	gaatgaactc	accttgacgt	caatgcaatt	gaatcaccgt	tgtcattcag	3780
cgagcaacca	atgtaggatt	gcccacagtt	tttcttttta	aaggtgggtt	tcgcccctcc	3840
tctcccacat	tatttcttaa	tctgaacatg	aaggtcccat	tagcaacact	aaaacttgat	3900
cattaacagc	ccccgtgca	tatgagtgga	tcaaaccggg	tctgttcttt	cctgtgttgc	3960
catgttacta	tgctcaagc	ccagtttgct	tttgccgcag	caatggggcc	agtctcattc	4020
ctccccagga	gtgaaacttg	cttcagctga	aaagggtggg	tgcattgtca	gtaaaaaggg	4080
cttattttgtt	tcattttact	ttcctgcaaa	attttcttca	aagcaacaag	tcctaggagc	4140
acacaaagca	acccaaaggc	ttttccctgg	aaaagctctt	tcttacctaa	agataaaacc	4200
aattcacaaa	ctgaaggtag	ctttttatta	ctccgtgggg	agcatgtaca	gagctctgtg	4260
tatacacagc	ttcacaccca	ccagattgtt	actacagtgg	gttgggtttt	catacagacg	4320
taaatTTTTga	gagaaaagtc	aaagggtgctt	cagccttgta	ctgtgtatat	atattaaaaa	4380
aaaaacaaag	ttttgtatgt	ttttattact	ttaaactattg	ttataaaaag	cctgccattt	4440
ttaatatgtg	gtttggggga	tttttgtttg	tttttctctg	taggggggtt	tgtttgttgt	4500
tttggttttt	tttgggcaaa	aaaaaaa				4527

<210> 8583
 <211> 2030
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1989)...(1366)
 <223> similar to gi4204313 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8583
tttttttttt ttgcagagaag taaaaatatt tattttatct taaaaatctg gtccccgaaa      60
aaggccaaca cttttttcag ttcacgggtct tgacctttca aagaagaaat ctttcaactg      120
agaggtgagt taataaaaagg aatgtcagag gtgctttcag atttcttata aaccagtaaa      180
ccaagcaacc ctggacttct agtttactga gtccttctct ctagccattc acagttcctg      240
aaggagaaaa gaagttgttt gcagataagg cacttttagaa accaccaaag agaaaaccca      300
agtctgccag gagctgcact gtgaacatgt gagccgagag ggccaccagc agacagagtg      360
ccaactccca cagctccatg acaacagcat ccaccttctt gccccaacac tgttccgtct      420
ggcttccagc acccgcttg gctctgtgtt gcctacctgg cctagaatac atggaaacca      480
gacaactggc cagagatgaa cactgctgcc tgaagctcag ggcagctgcc cacagtgagg      540
aatcccttca gagggccccag ctggggcagc ccgagggagc agttcctttt gcaaagatga      600
gttagtgcg atcagcacat tagcaaagca aaatatttaa acatttttaa aagctgctaa      660
tccttccaat ttccctcctg attgtagctc aagctgcagc ctctaaacct gctaaaaatc      720
aggaagaaac ccctcctctg gagggcagat ggactgaagt ggctacagcc agtgtgggta      780
cggaaagcct cccgctgaac tgtgatcatg tgacacctgc agacctggg aagggctgat      840
ctgaatcctg gcagcaaact caacctcttc ttttgcttgg ggggcttggt tttaatacag      900
gtcattgcga tggaagaagt ctcagagtct ctctcacatc aagaggacag atggggacag      960
ggatcctgga gcttttcttc tctgtgttc tgggtgcata cttgaatccc aggaaacagt     1020
gtgacacggt gccaatctac tgccaaacat gcccggtttg tcaacagagc cagacaagga     1080
ggagaggaga gattcatgcc ccaaacacag gccagctgag gagggcttcg tcctccttcc     1140
tttgggccag atgagggagc gccttcccag aagtcacatg aggaaaaacc gtgctcaggt     1200
cagaactgga ccagcctgt gcctggctgg gtctggctgg aagttgatcc tgtagatttg     1260
gtaaagtctc ccagatgtc agcagtggca ggattgggct gtggccaggg tacaggagca     1320
cctcctgaac tgggagcaac tgctggctgg acgagggatc cccccacagc caactgctcc     1380
ccagggggag ggatcagggg ggaggttttc cccctggggg gagggggaag caggctcagc     1440
cctcctgtgc tggcaggccg gaactcggga ttcccagctg ctcttctctt cttcttcctg     1500
tttgcatgtg tgagcttgat ggtctggccc tccttgaagc ccaggtccag tttagggcct     1560
tggtctgggt tctgggcttg ttttgcaaat tcacactgct gtttcaccca cttgaaatgg     1620
tcctgcaatg caacattgaa gtcaaaggca tcacctcggg ccccgaagcc aattccaata     1680
aacgcccgtc gccattttcc atcttcgatg cggatcacga agtacctgct ggaatccgtc     1740
acactctcca cagctgtgcc aggaaactga tccaccgggg cctgagcaaa gagctccctc     1800
gacgtcctgt cctccagctt gatgtaggcc atctgtccct ttgcagtgat cctcagccgg     1860
ccactccatg atggctggtc cagctgccac tccgcagccc tgtagccacg gttggtagcc     1920
cgcgaggga tgcggtagac gtggacgtca ggcttgacac agagcaccga ctctgacctg     1980
ctctcctcca tcgcgacgcc tggagcccac cgaacttccg gcgacttcca     2030

```

<210> 8584
 <211> 3423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2742)...(1380)
 <223> similar to gi5689547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8584
gttactggga taactcagtt tggatgaacac atgatgtggt ttggttatta gtagagttac      60
agaaaaggta gcatggaaac tgagatggcc tcgtgggtgt tggaaaggctt ttcagcaagg      120
ggagggtgaat gttattaggt ccaacctgaa aggtgcatat ttcaggcaga tagataggtg      180
tttggcatct tataactgct cactttcctt ttcccttagta atctgaaagt aattcactgt      240
actgaatagt taatgggtcc cttaatagac tcttgcctt ggaaaaataa aatgaaatga      300
ctgggggttct attagttaact gaaaaattgt caacaattaa aactctaaaa cctactcatg      360
agaaaataaaa gctcttttgt ttaggaataa taaaagccga cttaatgact tctgaaagaa      420
gtaagtgtcc ctgtaaaggc caggtgaaac tgccattctt taacctgtta ctcggtgtac      480
ttgactgcgg aaagaaccca gaaacagaaa aggccaggcc caaaggatag aagtgtaggt      540
ttcctctgga agcttactgt tctgctaaat gacctaaaaa ttgcctagaa cactcccaga      600
taagtcaatt tctgcttata aaaatccatt gccagaaaaga gattattttt agttgtcttt      660
atttaaaaaa tgaaacacat tagttacaaa aaccgttgct ccaaatagat accgtgtatc      720
ttacaaatgt tttttgcttg gttttgagtg tttactgtag aaattttcaa tatcataaat      780
aaatgattat ttctttctca gaaagctgat ttttgtagtg tagtatttac aaataccgta      840
agtgaanaaa gatagtttat aaatttgtac catttaggaa aaaatgtttt atgtagtgtt      900
gtttgtgtaa cagcaataaa aaccatttaa gattatagtt tttacaaggg tggtaaaacc      960
tttaaaacag cataatgtgc atcgtatgcc tttctgacat tagcatgcaa aaacaaagct     1020
at ttgttaaa atagacttat ttttgctcca actaagtaaa catgtaaaat tatttttaaat     1080
aagctcaata gcttagaagg catcttggtt aaaatgaaaa taatttaaaa caatatctag     1140
cactgcaacc caaagctaac agacaactgc aatgccactg tgacatattt cagcaaaaata     1200
taaaaaatga aaactttcca agttgtagaa cattgggttt tcaaagttaa gactgttcac     1260
atgtgtattc acatgttcac aagttttcca aagggaanaa actaattttt tattggcatc     1320
atccatatcc aggcaggctg tagttgagtc accaatagct actcctaaat ggagctgcta     1380
ttttttctat gttttctata aagttattta catctgtaac aaggattcca ttattttcaa     1440
agacttctct ggggatagta ggcttgtctg ttaggaggac agcaaacctg gcatcaatat     1500
gctgaatttg caggttttagc aaacatttca gaatttctgc ttttgttgat gatcgagagt     1560
cacactgggtg ataataagc aattcaatga tatttgcact ctgaaatgac ttcaacatta     1620
tggtctctct atgtgcagtt gaatccactc tttcatcttc ttttagcttt ttattttccc     1680
tgtagtgaag caaccacttc catcttccat ttccatttag tttttccagg attttgataa     1740
tttccttcag ttgaactaat gttacagctt ctagtatctt gtcactctgat atcacaaagc     1800
ctcctgcacg aaacagttct tggtaggtgt gatcaagaac atctccaggg ctgtctactc     1860
cagcaaagat gacactgggg aaatgcttca gcttcagcaa agaaggaatc tgatgcaaata     1920
gtgatgatat atcttcattt ctgatgatga tgattagtgt atcattctct ctgtggaaag     1980
cttgacagaa gtgctgaggt tcaatttctg tatggcctcc tttcctcaga aggttctttg     2040
ttcttcaaaa gaatgatttg tcttctgttt cgacaaggta gaacaggaag gtacttttac     2100
aagcctcttt cacaacactt cttagtttga cgtgcaaatt ggtgcacacg tctatgatta     2160
tgtcttcata ggaggctgac cgtcctggga aaggcagata catctcttga gcagtggctt     2220
ctccagaaac atcatttagc tctttgtctt ggaaaatgaa ttggttgcta ttcttcatca     2280
ccttggtgaa ttcagcatac tcattgagaa taagtgaat atcattccga gattccttca     2340
cagtactgtt gtatttcagt ttgttgaggt ggaatgaaac agtgtgattt ctttgagaat     2400
ttctaagatc tctattatga ctacatctct ctctccaaga ggaagagctg tccagactgc     2460
tggctgtgta gcctctcctg ggctgcccct gtggtctggt atctgactcc acaactgtta     2520

```


ccagaagggg	gcttctgctc	ctaggtgcag	gatgcagaaa	tggggcctca	gagatttttg	2580
tcgaagggaa	agcaccaatg	gagatctggg	ttggtgactc	ctttggaaag	acattggcag	2640
aggaggcaga	atgctgagaa	tccccattct	ttatgggtctg	ttttagttta	tgtgcaaaac	2700
gcagatactc	caggtctaaa	gtgttctggg	tgaggctcgtc	tgccacctgc	caagtgcctg	2760
tccaggagct	gggcaggcca	cagtttgcac	tgaaactcgg	gtgcctcctc	aggccgtgtg	2820
aagttctcat	ggtatctttg	agttcttttg	ttatagagaa	gttggcgtaa	gtcctgagga	2880
tcccgtggag	atctcggatt	tggacgtaag	gcggcacaca	cttctcttct	ttctttaccg	2940
cagcagtcca	gtgcccggga	gggaggctcg	tctccatgcc	tggaaaccag	ctagagcagc	3000
cccagtcctc	ttggttggtg	ttgtggaagt	tcaacgacga	ctcatagcca	tctgtgggaa	3060
catctttttt	cctggtgtaa	ctacctctta	aagtataaga	atcctccaaa	tccagtctgg	3120
gattttctaca	atcaccaagc	aggtctagat	cagaatctcc	agagagttca	tagtgcatgt	3180
cgggaattcac	accgacctct	ccatctctgc	ttagggtttc	agaaccagcc	tcagccgtga	3240
gcccctcccc	actgttatca	atttttacgt	gctctgtggc	tattccacaa	gcagaaatat	3300
caaaggattc	tgaacaaaag	gaggccaaaag	gctctttact	gaggttttcc	atggtgtctg	3360
ctgtattttg	gtagggccca	gcacaaaagg	agaaatctcc	gaccttcaat	agctcctttg	3420
cga						3423

<210> 8585

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (855)...(159)

<223> similar to gi33702 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8585	
tttttttttt	ttctgattga caatgagaaa tattttattga gggttttattg agtgcagggga 60
gaagggccgg	catgacttgg gatggggaga gaaaccctc ccctgggatt ctggaagtct 120
aagtttcccg	tgggtgggggg tgaggggtga gaacctatga acattctgta ggggccactg 180
tcttctccac	ggtgctccct tcatgcgtga cctggcagct gtagcttctg tgggacttcc 240
actgctcagg	cgtcaggctc aggtagctgc tggccgcgta cttgttggtg ctttggtttg 300
aggggtgtgg	ggtctccact cccgccttga cggggctgct atctgccttc caggccactg 360
tcacggctcc	cgggtagaag tcacttatga gacacaccag tgtggccttg ttggcttgaa 420
gctcctcaga	ggagggcggg aacagagtga ccgagggggc agccttgggc tgacctagga 480
cggtcagttt	ggtccccccg ccgaagacat aagtgtctgt gtcccacgcc tgacagtaat 540
agtcagcctc	atccatagcc tgggtcccg c gatggtcag agtggctgtg ttcccagagt 600
tggagccaga	gaatcgctca gagatccctg agggccgctt gctatcttga tagatgacca 660
gcacagggga	ctggcctggc ttctgctgat accagcaagc atattttatc cccaatttat 720
ctccagagca	ggtgatgctg gctgtctgtc ctggggacac ggacactgag ggtggctgag 780
tcagctcata	ggaggccacg gatcctgtgc agtaagcaag gacgccgagg aagagagggga 840
tccatgccat	ggctgaggca cctccgatgc tgc 873

<210> 8586

<211> 2629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (541)...(1871)
 <223> similar to gi5689483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8586
tttcgtgatg ggcggagccc cagccgctag tgctggtggc cgccgctgct gccccagctg      60
gagcccgagc cgccgcctct gcgtccgcgc gtcgctgctt cccagggcgg cggatatgctg      120
gggaaaaggag tagtcggcgg tggcggcggc accaaggccc ccaagccctc cttcgtgtcg      180
tacgtacgcc ctgaggaaat tcacacaaac gaaaaggaaag taacagagaa ggaagtaact      240
cttcacttgt tgccagggtga acagctgctt tgtgaagcca gcacagtact gaagtatgtc      300
caggaagatt cctgtcagca tgggggtctat gggaggcttg tctgcacaga cttcaagatt      360
gccttcttgg gtgatgatga atctgcattg gataatgatg aaactcaatt taagaataag      420
ggtataggag aaaatgacat tacactccac tgtgttgatc agatttatgg agtgtttgat      480
gagaaaaaga aaactctctt tggacaactg aagaaatacc ctgagaagct catcatccac      540
tgcaaagacc ttcgagtgtt ccagttttgt ctgagggtaca caaaggaaga ggaagtcaaa      600
aggattgtca gtggcataat tcatcatacc caggctccta aactgcttaa acgattattt      660
ctgttttctt atgcgactgc tgcacaaaac aatacagtca ctgatcccaa gaaccatacc      720
gtaatgtttg acacacttaa ggactggtgt tgggaactgg aacggaccaa aggcaacatg      780
aagtacaaag cagtgagtgt caacgaaggc tataaagtct gtgagagatt gccagcatac      840
tttgttgtcc ccaccctctt tcttgaagag aatgtgcagc gctttcaggg tcatggcata      900
ccaatatggt gttggtcctg ccacaatgga agtgcccttt tgaaaatgtc agcactgccc      960
aaagaacagg atgacggcat ttacaaaatc caaaagagct tcttagatgg aatttacaag     1020
accatccaca ggccacccta tgaaattggt aaaacggaag acctgtcaag caacttctctg     1080
tccctgcagg aaatccagac tgcatactct aaattttaaag agctatttct gatagataac     1140
agtactgaat tttgggacac agatataaaa tggttttctc tgttggaaag tagcagctgg     1200
cttgacataa ttcagacgttg cctgaaaaaa gcaatagaga ttacagaatg tatggaagca     1260
caaaacatga atgttcttct tttagaggag aatgcatccg acctctgctg tctcatttcc     1320
tctctgggtg aactgatgat ggacccccac tgcagaacca gaattgggtt ccagagcctc     1380
atccaaaagg agtgggtcat ggggtggccac tgtttcttgg atcgctgcaa ccatctccgc     1440
cagaacgaca aagaggagca tcaacgacaa ctttctttgc cacttacaca atctaagtca     1500
tctcccaaaa gaggattttt caggaagaaa acagatcatt taattaaaaa ccttctgggc     1560
aagagaatta gcaaacttat taattcttct gatgagctcc aagacaactt tcgagagttc     1620
tatgacagct ggcatagcaa gtccactgac taccatggtt tgttgttacc gcatatcgag     1680
gggcccgaag tcaaagtctg ggcccagcgc tacctacgtt ggattccaga agcccaaact     1740
ctagtggttg gccaaagtgg cactctgagc aaactcttgg aaatgatgga ggaagtccag     1800
agttttacaag agaagatcga cgagagacac cacagccagc agggcccccga ggctgaggcc     1860
ccctgcttgc tgaggaactc tgcccgcctc tegtctttgt ttcctttcgc tctgctccag     1920
cgacattcct ctaagcccggt cttacccacc agtggctgga aagctttggg agatgaagac     1980
gatttggcca aacgagaaga tgagtctgtg gacctagggg atgtgtgacc tgtttgttga     2040
gtgattgtga aagaggaatg tgggagattg ggacagctga tccctggatt tgtgtcacgc     2100
tacagctcat gctggctggg tccttagccc ggcaactcgt tagaataaac ctgggccttc     2160
gggaaaagag gtggctctca ttatttttca tgattctaaa agactatgca attaaaaccg     2220
catctgtagt attattaatt ggaaggaatt attacttgac ccgtaatagg gttgtggccg     2280
ttttctgatg cctaagtatt atacagagcc cacaatggcc agtttactac cagaaagggc     2340
ttcagtaaga tattcttggg cttgatactt tcttcagatc ctctttgtgc caagataatt     2400
tatccagtca ttgggaatag taagtctctg tgtaacccat ctcaattata gaagcaagtt     2460
cagctttatg tatttgtatg gggagttgaa gattcagata gaggtattaa gatgtgtggc     2520
atttacttaa accatcacat ttttttcttt ctacgccccc ttgcctgtaa aacacctggg     2580

```

aagttccact ggtgtcatcc atcctgatgc ttcagaccac ccgagccct

2629

<210> 8587
<211> 1156
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (743)...(981)
<223> similar to gi4731912 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8587
caattttctt gaaattgcaa taatttttaa atccgagttc caaaataggt ccttaatttt 60
tggaataatt gtttagggg gtttaaggcc ccaaggaagg ccacccttcc catttattaa 120
ttatatccag aattgagttc tttcaaggta gaaaaaattt atattaacca attttttagta 180
atgttcaaag actagttttt tgagtataaa attgagttat tataatcccc tttagtattg 240
taaacccttt aatagctttc taaaatgaag tagtattttt ctatgtgagt gaaatatcag 300
tttacattta taatacttga tacttaaadc tgaattcctc atttcactta atcttttttc 360
aaatgatcat acacatatac taaaagaggg gtgttttagga aaagttgaaa tgatggaatg 420
ttttggtctt aggacctttt ctcaaaaaaa ataaggaaat ctaaaaagca ttttttcaaa 480
tgccaacaca aaaacattcc ttcttatatt ttctattctg gcatgtacag ggatagggag 540
gctgtgtggt ccactgggta gagccaagga ctgggagcca ggaggatcct gggttccaat 600
gcggggctaa ccactgactt actgtgtgac cttgggcaag tcacttgacc tccttgttcc 660
tcagtcaacc atctggaaaa ttggttaaaa agcaggacct cgctgacaac cagatgctgc 720
atctgagctg agctttcttg ggcaccggt tttccgtgaa cattgtgttt gtgtacaagg 780
aaactatata aaggacttaa atattcttgg aagagatctt tcaaaaacta taataattga 840
caactcacca caagcctttg catatcagct ttctaattga atccctatag aaagttggtt 900
tatggataaa aatgacaatg aactcctaaa attgattcca ttcttgagga agcttgtaga 960
actgaatgaa gatgttcgac cacacatcag agacagattt cgcttgcatg atttgctgcc 1020
cccagattaa gtacaaagac ttgtcaaadc actgaagggg gagagaatgc aggacccttt 1080
tggaactaaga caaaaacatt gccattactg ttgaaatttt gcatttttgt accccgtctt 1140
gctttttctta tctttg 1156

<210> 8588
<211> 670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (569)...(142)
<223> similar to gi3046869 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8588

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cggcgcgctc gacttttttt tttcgagttt ttgcatttta aaatttat tt aaagtcttgg 60
ttgttcaggt cctaggggtt ccaagtcccc agtcaccttg aggactcaga catcaggaat 120
tcagtcacca gccagagat caacgaaaga aagacaactt ttcttggagc caggcctcag 180
tgaggtcac tcaggtgcgg atttcgaaca cctttgtgag ctctgctgtc tgcaccagcc 240
tgtttttact cctgcatac atcatctgtt gttccggctt gcagcccaca gggctggaga 300
agatgaaaca caaagggtag gacactcggc catcgtcatg cacgtacttg tagctgtaaa 360
ccacgaacct gggctgtctc tccggcaact ccattttgag ctctctggg gaaatgttct 420
gaaattcttc ctccagcacc accatctgcc ggtctttgtc caccttcatt atgatggctg 480
cattgtctgt ctcttttcgg aagcggaatt tcctcagctt ttctgttagc tctgggtcta 540
cctgcacac caccagggag tcagacatga ttgttctgtc cacaggcctc ttcttttctt 600
agttccgctg tcttctaggc gtggggaccg gggctgtagg ggggcgggct gtgcagtagg 660
aggaaggttt 670
```

<210> 8589

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2175)...(446)

<223> similar to gi4704735 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8589

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tttttttttt ttacattttt taaaagtttt ttatttttca gttttttag agatgaggtc 60
tcaccatgtt gccctggctg gtcttgaact cctggcctca agccttctt ccgcctcggc 120
ctcccaaagt gctgagatta caggcctgag ctgctgtatg gctatgattt tgtaaaggc 180
cgacacagag gtgaagtcaa ctgctagaaa tcacggcttt taagagggtg agtcacattt 240
gaactctggc ctctgatgcc agatctgcag gtcacatgtt caccatggtc cagggtgacc 300
tgactgcggc cccacctct tctgtgaggc acagggcagg attccacctg aggcgcgagg 360
agcctgggac gactcctttg gtctcttctg gggttcgcaa aaacctgggg gtcccgggtg 420
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<210> 8590

<211> 5088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (279)...(2601)

<223> similar to gi435446 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8590

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gtgctgtttg	gagtgtaccg	tcctcagtaa	tgaatccaga	agaacaaatc	gtgacatggc	300
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gtaattatgt	ccgtgaaatt	aaatccagtg	agagacctct	ctccccaaaa	gccgtcaaag	960
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tgttgccctg	taattaaact	gctgcccgtg	gaggcctttc	agttcccttt	ctgtccttcc	4980
ccttcttaac	acaagctcaa	attttctaac	ttgtttttat	tttgaagact	tttaaaatgg	5040
acattttcaa	tacataaaaa	taaacagtgc	tttataaaaa	aaaaaaaa		5088

<210> 8591

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (88)...(765)

<223> similar to gi4580677 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8591						
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ctgggaacag	tttctgctct	tcatctggag	aatgatgcc	cccatctgga	gagcctagag	180
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ctgacggagg	aggtgattca	ggcagagggg	gaggaggtca	aggcttctgc	ctgtcaagac	300
aactttgagg	atgaggaagc	catggagtcg	gacccagctg	ccttagacaa	ggacttccag	360
tgccccaggg	aagaagacat	tgttgaagtg	caggggaagtc	caaggtgcaa	gacctgccgc	420
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tacggaggca	accttgtctc	tatccatgac	ttcaacttca	actatcgcat	tcagtgtctgc	540
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caacctggga	atgggcaagg	ctcctgtgtg	gccctatgca	ccaaaggagg	ttattggcga	720
cgagctcaat	gcgacaagca	actgcccttc	gtctgtctct	tctaagccag	cggcacggag	780
accttgccag	cagctccctc	ccgtccccca	acctctcctg	ctcataaatc	cagacttccc	840
acagc						845

<210> 8592

<211> 1990

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (208)...(974)

<223> similar to gi2695737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8592
tttcgtccgg gattcggcca gtggtgctga gcgagtgctg gaccagcggc cgtcctgtgc 60
acctggcctg tgcgcgtgcc cgctgctcgg cttcaccag actaaggcgc gggcagctgc 120
gggaacaggc ggggtgggcg gagggagacc gggaggcacg ggcgccctgt gcgcggagga 180
ggtgaaggcg gccggggccg ggacgccatg tccatggagg accccttctt tgtggtgaaa 240
ggagaggtac agaaagcagt caaactgcc cagggattgt ttcagagatg gacagagctc 300
ctccaggacc cctccacagc aacaaggga gaaatcgact ggaccacca cgagctgaga 360
aataacctcc ggagcataga gtgggatcta gaggaccttg atgaaacat cagcatagtt 420
gaagcaaate ctagaaaatt taaccttgat gcaactgaat tgagtataag aaaagccttc 480
attacaagta ctccggcaagt tgtcaggac atgaaagatc agatgtcaac ttcattctgtg 540
caggcattag ctgaaagaaa aaatagacag gcactgctgg gagacagtgg cagccagaac 600
tggagcactg gaacaacaga taaatatggg cgtctggacc gagagctcca gagagccaat 660
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cagttggagc tgggtctctgg cagcatcggg gtgctgaaga acatgtccca gcgcacgga 780
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catactgctg cactgacttt tctccgtgtg accccacaat tgacatggct cctccatccc 1140
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caacagaagc cccatgccgc ctgtccagtt cggaggagaa ctactgctg ccttgccctc 1260
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caccgtgtc ccatctaaag aaacctgtca ggaatacgag cttctgggta tgtttcgttt 1440
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atgaatttgg ataccagatt gtctcatta cagctctttt actcttaggg cactctacac 1920
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ataaaaggtt
```

<210> 8593

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (964)...(293)

<223> similar to gi868241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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<400> 8593
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agcaggcacg tgccagcccc ctcgcccccc tcccccggc caactcccag gtgcagacca      120
tgctatgcag agagtgcagc gcaacgcgcc cctactgctt tggagtgcga gtgcgaaagcc      180
gagggaaacct gcctgcacca catcctgcct gcccacaca cgcacacgcc tgctcgctgc      240
gcaggccacc aacagtctgt ctgggcccag ccagcgctgg accccattac atggatccag      300
cccagttctc caattccttc atgtcgctgt cctcctcttc ttttttcttg gcgggttttg      360
atggtagggc tatagaggga acatttggtg gagggactgt ttccgggtcca ctgatttcca      420
gcaaattctt gtctagtctc tcctgttcta gttcttctaa ttccgccatg agctcatcct      480
cgtcaaactc ttctccaaac cctacagggt tcgaaattgc tgttgaaatc tcctctgcaa      540
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tcgggcgcgc cttgcgggcc ttacccctc cagccccgaa cagcttcccg aacaccgaca      960
tggttgctgc tcgcgcgcgc ggccttcgcc gcccgctccg gctcggctcg gctcggctcg     1020
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<210> 8594

<211> 1496

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(1413)

<223> similar to gi202215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgccagt      180
gacaagacca ttggtggagg ggacgactcc ttcaccacct tcttctgtga aactggtgct      240
ggaaaacacg taccocgggc agtttttgtg gatctggagc ctacggtcat tgatgagatc      300
cgaaatggcc cataccgaca gctcttcac ccagagcagc tcatcactgg gaaagaggat      360
gctgcccaaca actatgcccc tgggtcactat accattggca aggagatcat tgaccagtg      420
ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggtct cctggtgttc      480
cacagctttg gtggggggcac tggctctggc ttcacctcac tcctgatgga gcggctctct      540
gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccagggtgtct      600
acagcctggg tcgagcccta caactctatc ctgaccaccc acaccaccct ggagcactca      660
gactgtgcct tcatggtgga caacgaagca atctatgaca tctgccgccg caacctagac      720
atcgagcgcc caacctacac caacctcaat cgctcatta gccaaattgt ctctccatc      780
acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac      840

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ctggtgcct	accctcgcat	ccacttcccc	ctggccacct	atgcaccagt	catctctgca	900
gaaaaggcat	accacgagca	gctgtcggtg	gcagagatca	ccaatgcctg	ctttgagcct	960
gccaaccaga	tggtaaagt	tgatccccgg	cacggcaagt	acatggcctg	ctgcctgctg	1020
taccgtggag	atgtggtgcc	caaggatgtc	aacgctgcca	ttgccgccat	caagaccaag	1080
cgcagcattc	agtttgtgga	ctggtgcccc	acaggcttca	aggttggtat	caactaccag	1140
cctcccactg	tggtgcctgg	gggtgacctg	gccaaagtgc	agcgtgccgt	gtgcatgctg	1200
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tatgccaaaga	gggcgtttgt	gcactggtat	gtgggtgagg	gcatggagga	gggtgagttc	1320
tccgaggccc	gtgaggatat	ggctgccctg	gagaaggatt	atgaggaggt	gggcatcgac	1380
tcctatgagg	acgaggatga	gggagaagaa	taaagcagct	gcctggagcc	tattcactat	1440
gtttattgca	aaatcctttc	caaaataaac	agtttccttg	cacggttaaa	aaaaaa	1496

<210> 8595

<211> 2714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (279)...(923)

<223> similar to gi3880413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8595						
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agcggccccg	tgtgcccgtt	tctggcctcg	ctcgcagctt	gcacgtcgag	actcgtaggc	120
cgcaccgtag	ggcgagcgtg	cgggtcgccc	gcggccgcct	cggggtctgg	gcccagccgc	180
agcctcttct	accgcggccg	gttgggagtc	gccgcgagat	gcagcctccg	ggcccggccc	240
cggcctatgc	ccccactaac	ggggacttca	cctttgtctc	ctcagcagac	gcggaagatc	300
tcagtggttc	aatagcatcc	ccagatgtca	aattaaatct	tggtggagat	tttatcaaag	360
aatctacagc	tactacattt	ctgagacaaa	gagggttatg	ctggcttctg	gaagttgaag	420
atgatgatcc	tgaagataac	aagccactct	tggaagaatt	ggacattgat	ctaaaggata	480
tttactacaa	aatccgatgt	gttttgatgc	caatgccatc	acttggtttt	aatagacaag	540
tggtgagaga	caatcctgac	ttttgggggc	ctctggtgtg	tggtcttttc	ttttccatga	600
tatcattata	tggaacagtt	aggggtggtc	catggattat	aaccatttgg	atatttggtt	660
cactaacaat	tttcttactg	gccagagttc	ttggtggaga	agttgcatat	ggccaagtcc	720
ttggagttat	aggatattca	ttacttcctc	tcattgtaat	agcccctgta	cttttggtgg	780
ttggatcatt	tgaagtgggt	tctacactta	taaaactgtt	tggtgtgttt	tgggctgcct	840
acagtgtctg	ttcattgtta	gtgggtgaag	aattcaagac	caaaaagcct	cttctgattt	900
atccaatctt	tttattatac	atttattttt	tgctggtata	tactggtgtg	tgatccaagt	960
tatacatgaa	tagaaaaaga	tggtgttaaa	tttgtgtgta	ggctgggaat	tcttgctgaa	1020
ggaattggag	aaaacctgtt	gctgcaaaat	tttacatgtt	ccagatggaa	aggggaagtct	1080
aagcgctttt	taaaacaatt	tttttttgta	tttaattaag	caattgcagt	tatctgggat	1140
ttttgggtca	gaatttttaa	ttctgtttga	ttctccatat	tccagtgaat	aaaatacaaa	1200
agcattgtgt	ttttaagatt	gtgtcgatat	tcacctaaaa	acttgtgcca	aaagcacctg	1260
gattggtaat	tatatttcac	ttaaagggtg	aatttgacaa	tatcttgata	atcaaaagtg	1320
caattttttt	cttcaaaatg	ttttctccag	catcacagat	cctgcagata	tatatattata	1380
tttatacata	tatattttat	aaataattct	tactcacaaa	atatattttct	gataaacatt	1440
aagatattaa	atctgatgca	caaactttaa	tttggccatt	aatctttttt	atttaaaaaat	1500
ttaaatttgt	ttttaaaatt	gtatatagtt	tttaaaatct	cacacatgct	tcgatacttc	1560

cttgtaaga	attcttaata	actactaaaa	ctgattttta	atagttgctg	atatatattt	1620
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ctaaggga	tattaagaaa	tttttatcag	tgaaatat	gttgcaaata	atttcataagg	2040
tttttagata	cacctgtagt	taatattact	ttgtaaagta	ggtaaatacat	tttatttatg	2100
tccataaaat	atcaaagtgc	tgtaactat	tagcaaatta	ttgtattatc	ctttctgggc	2160
tcacctggaa	gagtttcctg	ctgtcctcag	tatgataaca	tggtgacctc	ttggtatgta	2220
tttcttttagc	aaacttaccc	atcaggaaat	atccagcacc	tctgaagcaa	acctacaaat	2280
gagtggtgta	tcaagccag	ccgtcttcct	ttccccta	cccaaaagga	aagaaagaaa	2340
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ttacatgtac	tgattttttt	aaaaacaggt	gagaagcacc	agaggacag	gacttctaga	2460
agttagaata	atatgaagta	atcaggaaat	atctatgcct	acagaagcag	caaccgtaag	2520
ataaacattt	gttacactta	agaaattgct	gaggtaata	ctttgttata	atggattata	2580
atatttgaca	ttcatagtgt	tgacctgga	atctttcaca	gaaagcttgg	gggtcaggac	2640
caggaggtag	aattttacaa	ggcaataaat	gaaggatttt	taagatcacc	tctattaaaa	2700
aatggtttaa	tttt					2714

<210> 8596

<211> 1877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1878)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (48)...(1208)

<223> similar to gi4929759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8596						
ttttttcaaa	attctgcacg	agggggccggg	gctgggtggc	agcggccatg	gaccgcttcc	60
tttggaccag	cggcctcctg	gagatcaacg	agacctgggt	gatccagcag	cgcggggtgc	120
gaatctacga	tggcgaggag	aagataaaat	ttgatgctgg	gactctcctt	cttagtacac	180
accgactgat	ttggagagat	cagaaaaatc	atgagtgttg	catggccatt	ctcctttccc	240
aaattgtgtt	cattgaagaa	caggcggctg	gaattgggaa	gagtgccaaa	atagtggttc	300
atcttcaccc	agctcctcct	aacaaagaac	ctggcccat	ccagagttagt	aagaactcct	360
acatcaaact	ctccttcaaa	gaacatggcc	agattgagtt	ttacaggcgt	ttatcagagg	420
aaatgacaca	aagaagatgg	gagaatatgc	cagtttccca	gtcattacaa	acaaatagag	480
gaccccgagc	aggaagaata	agggctgtag	gaattgtagg	tattgaaagg	aaactggaag	540
aaaaaagaaa	agaaactgac	aaaaacattt	ctgaggcctt	tgaagacctc	agcaaactaa	600
tgatcaaggc	taaggaaatg	gtggaattat	caaaatcaat	tgctaataaa	attaaagaca	660
aacaaggtga	catcacagaa	gatgagacca	tcaggtttaa	atcctacttg	ctgagcatgg	720

gaatagctaa	cccagttacc	agagaaacct	acggctcagg	cacacagtac	cacatgcagc	780
tggccaaaca	actggctgga	atattgcagg	tgcctttaga	ggaacgaggg	ggaataatgt	840
cactcacgga	ggtgtactgc	ttagtaaacc	gagctcgagg	aatggaattg	ctctcaccag	900
aagatttagt	gaatgcgtgc	aagatgctgg	aagcactgaa	attacctctc	aggctccgtg	960
tgtttgacag	tggcgtcatg	gtaattgagc	ttcagtctca	caaggaagag	gaaatggtgg	1020
cctcggccct	ggagacagtt	tcagaaaagg	gatccctaac	atcagaagag	tttgctaagc	1080
ttgtgggaat	gtctgtcctc	ctagccaaag	aaagggtgct	gcttgcagag	aagatggggc	1140
atctttgccg	tgatgactca	gtggaaggcc	tgcgttttta	cccaaattta	tttatgacac	1200
agagctaagg	gttttgtatt	taaaatcctt	tttgtccata	tgcttgcgtc	atgtagaggt	1260
tgtatgacat	tgagctaaga	gataaacccc	gatcaattga	gaatttattg	gaacttcaca	1320
gtgcaatgta	aatctctttt	aatttctcac	taaatatggt	ccaggaaatt	tatttagtat	1380
acgcatagga	aaattcagaa	aagtgaatgc	caatatgaat	ttaaaatcat	gctatagtgc	1440
agaaccctca	gagtttaact	tggaatatag	tggattttta	cttgatcctc	aaatctaata	1500
attttataaa	gaaggggaatt	tagttttgca	gagaataaaa	agagaagttg	catgttcaga	1560
caggtagat	tattattttg	gtgtaactga	aattcactga	ttgcacatga	caatgttggg	1620
acaaaatata	ctgcagcatg	ctatatgagg	ctctccccca	gggcttttag	aagcagtcac	1680
agacatgtct	tcaacatacc	aaataaaaata	cctttaaaaa	tgaaataaatt	ttatttgaca	1740
catatatatta	tatatattct	atctagggtt	ctctttngtt	ttttttaaag	tgatgatttc	1800
atggactggg	catttaaaag	aaatggcaac	tngtgggtcca	tttttggttt	ttccaaatgc	1860
tgtggaat	ttggaaa					1877

<210> 8597

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (254)...(1218)

<223> similar to gi4938275 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8597

tgattcctga	gtgctgagcg	cgaacccgag	gagatgaagt	aaggcgctcag	ctttcttttg	60
aggaaggagc	agcggggccac	tgggggtggt	ccaccgggac	tgggtgtggt	gagcgtctgc	120
ggggccgagg	ggcgggagcg	gcgcggggac	tggaacagct	cgtcccctag	ttttgctctt	180
cctcagctcc	ggccgggttcg	cacttaacttg	tctgcttttc	tgccctaccct	ccccaccccc	240
cccgccaccg	tgaagccctt	taactaaggt	gaagctgac	aacgagctga	atgaacgaga	300
ggtccagctt	ggggtggccg	ataaggtgtc	ctggcactcc	gagtacaagg	acagcgcctg	360
gatcttcctg	ggagggcttc	cttatgaact	gactgaagg	gacatcatct	gtgtgttctc	420
acaatatggg	gagattgtta	acattaatct	cgtgcgggac	aagaaaactg	ggaaatccaa	480
aggattctgt	ttcctctgct	atgaagacca	gaggagcaca	attctggccg	tcgacaattt	540
taatgggatc	aagatcaaa	gaagaactat	cagagtggat	catgtgtcta	actatcgggc	600
tcctaaggac	tcagaagaaa	tagatgatgt	gaccagacaa	ctccaggaga	agggctgtgg	660
ggctcgtacc	ccctcaccaa	gtttgtctga	gagctctgaa	gatgaaaaac	caacaaaaaa	720
gcacaaaaaa	gacaaaaagg	aaaaaaagaa	aaaaaagaaa	gaaaaagaga	aagccgaccg	780
ggaggtacag	gcagagcaac	catcctcttc	gtcaccacga	cgcaagacag	ttaaaggaaaa	840
ggatgacact	ggccctaaga	agcacagcag	caagaactca	gagagagctc	agaagtcaga	900
gcccagggag	gggcagaagc	tccccaaatc	caggacggcc	tactctgggtg	gagcagagga	960
cctagagagg	gagctgaaga	aggagaaacc	caagcacgag	cacaagtcct	caagcaggag	1020

ggaggcaaga	gaagaaaaga	ccaggattag	ggacagaggg	cggagctcag	atgcacattc	1080
tagctggtat	aatgggcggt	ctgaagggcg	tagttataga	agtagaagta	ggagccgaga	1140
taaatcccat	aggcataaaa	gggcccgcg	ctcccgggag	cgggagtcct	cgaatcccag	1200
tgaccgttg	cgtcactgaa	gacttcagct	gcacagtaga	tttggaata	attatgtttt	1260
ttaaatgcag	tcaaattcag	ttgggtgggt	actatTTTTg	tatctaaaac	ttctggggct	1320
ggattctttt	aatcccttga	ctatttagag	tcattgggag	ggctgcagtt	tcaacagcta	1380
gatatcctgg	atattgtttg	caccatccat	tgtccctgta	ccagagtatg	tatcctgaac	1440
tttggttcat	aaatatggct	cttgaaccca	tagaccccag	ttgaagatgg	aattttcagg	1500
aaagggaaaa	tactagataa	ttctagaatt	ctagtcttcg	tgtagatgt	ttatagccca	1560
gcatcctggg	acctttccag	ttactagggt	tgacagctt	gatgtgaacg	aatgggatag	1620
gatttttaaa	atcagccagc	tccatgccca	aaccttcctg	tttgagaaac	tttttaattg	1680
cttttctttt	tattaaaaac	ttttttgttc	gatatgcctc	tttccacatt	ttttccttgc	1740
aatgtattta	ttattttatt	gtatttaggt	gaaattcaca	taacataaag	ttaaccattt	1800
taaagggaac	aattcagtgg	catttggtac	tgaacatcca	cagtgttgtg	taaccattgc	1860
ctctgtctag	ttccaaaaca	tttttttatt	atcccaaaat	gaaaccctgt	agccattaaa	1920
caagagctcc	ccgtttcctc	cctcctccct	gtccctagca	accaccagtg	gacttcctgt	1980
ttatgggttt	gcctattctg	gatctttcat	aaaaatggaa	ttacacaaa		2029

<210> 8598

<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(1344)

<223> similar to gil665811 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8598	
aattcccggg	60
agccccgcgc	120
gccactcccc	180
acgaagcagg	240
cctcaacagc	300
tcagctgtgc	360
acttcctgta	420
atgggaaatg	480
gaaagagaac	540
aaaagctgtt	600
atatacagta	660
atggagtga	720
gttggaaga	780
tcagcaca	840
tgtcaaggat	900
cttcagctgc	960
atacaggttt	1020
ggactttctac	1080
atcaccagga	1140
atTTTTgacc	1200

tttagaagtc	atttacactg	accctgtgga	tctttctctg	ggcaccgtgg	cagaaatcac	1260
tggtcatcag	ctcatgagtt	tgtctactgc	aaatgcaaag	aaagatccca	gctgcaaaac	1320
ctgtaatatc	agtgttgga	gttaatgccc	acttttctta	ttcttactca	gccccctttc	1380
ctcccttagg	agcattgggc	ctctgttgte	cattttttatc	accagatggt	ttccactgaa	1440
gcatgcacat	gccactgtca	ccaaaacaaa	caactaccac	tttccaaatt	tcattcagaa	1500
ccattttagt	gttttcttat	tccctacccc	tcccactact	ttcaatgatg	aaatacccta	1560
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tataaatggg	gtttaaatat	gcattcattt	taatctactg	aacaaatatt	gggataactc	1740
caaaccgcat	gaaaggggtg	aattgcagca	tgagttaaata	cttgaagcct	agaattgtca	1800
gcacttccaa	cttcttggtt	gacagtgtta	tttatgttat	ttatattagc	taacaggaaa	1860
caactactgt	gtttcaacat	aataaatata	atagaaaaat	atttttattg	tattgttgta	1920
taaaaatatt	acaatcatat	agaatatata	gagttacatt	ttaatagcaa	ctgtgtacat	1980
gtcacgaaac	catttccctt	atcaaagatg	taatttgtaa	acctcaaata	gttgtgtatc	2040
tgtcctgtta	gaagtagatg	acttcaatta	aacaaattta	tgaaggacat	tattctgatt	2100
cataaaagtt	ataaaatatt	aggtaaatac	agagaaaaca	ataagcctct	gaaataagtc	2160
tgtttctgaa	atagtcaata	gtcttcccat	ccaaactata	agagaatgtg	aattttcttca	2220
acatcatact	taaacattac	agaaaataga	aatacaaaca	aggttgggtac	atgagagaaa	2280
atggtgacct	tttacttcct	tttacaiaaaa	tgaaaataat	aaacatgttt	tcgtataaaa	2340
taacacaaaa	tgatatacac	tgaagttgat	gaagcaaata	aatattctgg	gcttcttttt	2400
caaggtatca	ggggcaaaaca	atttccaaac	ttttgcattt	tgtacagaag	gatgaataac	2460
tacagctcat	gggaaatggt	ttgactttac	aaagtataga	tggttgaaca	ttaagaaaaa	2520
tgtatatcc	caatgaaaaa	atagttatat	catcttatag	taaacaaaaa	gattagcaat	2580
aatactatgg	acacattaga	ttatatacta	cagacacata	tctatccaaa	atacctattt	2640
taaattttta	atacaatatt	ttattttaat	ataaacatct	gtcagttata	gacaaagata	2700
ataattcaca	aagtacatgc	tatcagaatg	aactttggta	accagaaatg	taaaatttca	2760
aataacggat	aaaataatgt	gttattttta	tagagaaaga	aaaaaaatag	caacacaatc	2820
tagtttattt	tagggtagtg	agagccttagc	agacttaaag	gacaaggtag	taaatgtttt	2880
atcactcaaa	aatcct					2896

<210> 8599

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (765)...(576)

<223> similar to gi3641542 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8599

atthtttaggt	aagatgaggg	ttcatccatg	gtgggtccag	gccggtctca	aacccccgac	60
ctcaagtgat	cccggccgcc	tcggcctccc	aaagtgctgg	gaccgtgggc	ataagccacc	120
gcacctggcc	ctttaacttg	atttcaaagc	aaaattatac	aaatggaccc	taacttctat	180
tatatattta	agtttacttc	aaagatctat	tttatcctta	tccttagaaa	ctgtgaggaa	240
aaaaaaaacta	tgtaacaaa	gctgatgaca	aagattcttt	attatataag	agatcctatt	300
atctgatcat	attaccta	aaattatata	tgaatgttca	ataataaaaa	taatgttcac	360
caatatgtca	catgcatggt	tagtgtttta	ttctttgaag	actgcttcta	aaacatcgca	420
ctaagtaaag	ctgaaaggat	aaagttaaaa	atagttttta	aaggataagt	tataacatat	480

gtaatgactg	tccactctac	aaaatcttga	tcttagagct	tatgatacac	ccagttggca	540
gtagcaccce	ggttttccaa	atagccagtc	atcacttttc	tcttgtctgc	atagacttct	600
tctcattagc	tgcttctgc	ttttcttgca	tgatctcaga	gtccctctgc	tttctctgag	660
aggcagtcaa	gctatcctct	ttcctctttc	ccttgctaata	ttcctgggtt	ttcttcatgt	720
ttttctggcg	ggcaagttct	cgttgatttc	cacggggccat	gccgaccacc	aacggagcct	780
ggaagaagag	caactcggaa	aagcaacggg	tctctggcac	tctgggatac	cgtcaccacc	840
gctgaccggg	aaggctgagc	cctcgtgggc	cctccgccc	gctgcgcctc	cgctctgctc	900
cggaattcc	accacacgga	tagtggtcta	cgagggtttc	aa		942

<210> 8600

<211> 2827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1997)...(1513)

<223> similar to gi5911935 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8600						
tttttttttt	ttggccatag	aaacgtcttt	attgaagagg	acaggagtca	tgctgagttt	60
ggggacatgc	agtgaagggg	cagtcgtgag	ctgtccttgg	tggtcggggc	cccaggtccg	120
ccctggaccc	cctgggcctt	caggttctcc	ctcgagctgt	tggtctggcc	caggtgctgt	180
ggggctcctt	gaggccagtg	actagaacgt	agattgaaat	cggggttcca	ggatttgaga	240
ttccctcagg	gccttggggc	cttccattta	ttagagatgg	aggcttttag	atttgggggt	300
cccttagggc	tggggctctt	ggaatttggt	gtcttgaaac	ccatggactc	ggggcattga	360
aattctccag	tttccaggga	tgggaattcc	tgtgtggggg	ttcctgggtc	ctgtgaatag	420
ggcttgaggt	gtctgggagc	ctggaatgca	tatcctgact	gcagtctcct	ccataccagg	480
cacaaggacc	tcatgattgg	gtttcctggg	gacttgggat	tggattttca	aatttgggat	540
ttccctgggg	tttgggattc	catgatttgg	gggtcctagg	agttacggca	ttgggggtctt	600
ctaggggctg	taggacttga	gggcacaggg	gagtttgagg	cgtgtgtact	ctagggtttg	660
ggatccccag	agtcctagaa	tggggcctcc	aaattttggg	gtcccccaaa	gggggaagtc	720
gttacttaaa	aaatagagaa	ttttctggga	gtctggccag	cacaggagct	gtgggccatg	780
tgggggtggc	ttcatacaag	gcactggggg	tttcttgagg	gtgcagaggg	taggaagact	840
tgggggtgcc	tgtaattagc	acttccagga	ctgttttggt	gtctgtaaat	taggggtgac	900
agtgggctgg	ttatggtggg	tttcttcttg	agggataaga	acaagggtct	ttgttaatga	960
aggaagtctc	tgattgaggg	gttggaatct	aagggttcca	gggtgaccat	ggggtcacga	1020
catcttgaga	ggactgatgt	taaatgggga	acaatgacat	gaatgtctgt	tactcttttg	1080
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atcggtc						2827

<210> 8601

<211> 2346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(2295)

<223> similar to gil79285 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8601

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gacggagcac	catcaacccg	tccaaggcca	gcacaaaacc	agatcgagt	caggagcag	180
gaggccaaaa	catgaggggac	cgggccacca	tccggcgcc	gaatatgtat	aggcaaaagg	240
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ctggcacagt	ggcaagagta	gagccaaata	ttaaattggtt	tggaacaca	cgtgtgatta	360
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ataacttgaa	ggtgcacatt	cttgatactg	aaagttttga	aactacattt	ggccctaagt	540
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gtgtgagaaa	tgaagctcaa	gaagagatct	ataaaaaggg	acagtccaaa	agaatatggg	720
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gggttgctgt	cctctcccag	gattatccaa	cacttgcttt	ccatgcaagc	cttactaacc	960
cgtttggcaa	gggagcattc	attcagcttc	tcgggcagtt	tggaaagttg	cacactgaca	1020
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acaggaacaa	aaagaagacc	aatgactcag	agggacagaa	acacaaacgc	aaaaaattca	2280
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aaaaaa						2346

<210> 8602

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(1911)

<223> similar to gi5912169 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8602

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gcgctgcgct	cgctccgctg	cggctccgcg	tgccccacct	tctggctagt	tttttctaga	180
gcccaggctc	cgcccgtttc	ccgcttccag	ggcccggttc	gttcccgccc	gcacccgtcc	240
ctctcctctg	cacccctgct	gcttctgctt	tgaaggcgga	ggctccatgt	tgtcccctca	300
gcgagtggca	gcagctgcct	caagaggagc	agatgatgcc	atggagagca	gcaagcctgg	360
tccagtgcag	gttgttttgg	ttcagaaaga	tcaacattcc	tttgagctag	atgagaaagc	420
cttggccagc	atcctcttgc	aggaccacat	ccgagatctt	gatgtggtgg	tggtttcagt	480
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atthtctctg	agagggggat	ctgatccaga	aacctctggg	attcaaattc	ggagtgaagt	660
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gactagttct	gttcagattt	ataattttat	tcagaacatt	caagaagatg	atcttcaaca	840
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cgtgaagatc	aaacaagaac	acaacaagcc	cctactgatt	tctgggtttc	tgccacggcc	1980
acaggttc	atccagagga	atggcagatc	tgagacgata	caggaagagc	taaaacatgg	2040
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taagttcttt	atgtgccact	tagtgccctt	taagaaagat	tccatgggtt	tgcacacacg	2280
atggggaggg	gatggaggat	aacctcatga	aagggtgccgt	tttcgggtga	aacttgac	2338

<210> 8603

<211> 2274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2060)...(419)

<223> similar to gi2315202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8603

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cttaaataaa	gttcacagag	taaaaaccag	aaccgccagt	ccttcctctc	aacacaacag	180
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aggctccccg	ctgcagtgtg	gagggagagc	cctcttttga	atgggcggag	tgaagccacc	300
cagctccccc	tgcacacctc	ataccactg	ctaaggctaa	aggaaaaaga	caaaactcag	360
tctcaggtcc	ggaggggtca	gaaaacagtc	taggtgggca	ggggtctgga	tgactgctag	420
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agcacctcct	ctagttttct	cctgccactc	tctggctgga	gctctgctgt	gtttcggggc	540
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ggtgccaggc	actgatccag	cagctcttcc	acaatggatg	acaataaccg	aagctcccca	660
ttttcatcac	gctggctgat	ctttgattga	atgaaatcta	caacttctct	gctgctcatc	720
acattccaga	tgccatcaca	ggcaatgacc	atgaattcat	ggtcgtcagt	gagagtccgc	780

accttgatgt	caggaagggc	tgaaatcatc	tgttcctcag	gtggcaggtt	cttgttttctc	840
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tcategtcct	cttcagcctc	ctcggtgtca	tcctcatctt	cctcattctc	tgctcctca	1200
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<210> 8604

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(706)

<223> similar to gi5924011 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8604

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gccctgccca	tgtggaaggt	gaccgctttc	atcggcaaca	gcacgtgggt	ggcccagggtg	180
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ttgggctggg	ggccctcagg	ccttttgttg	ctgggtgggg	ggttgcctgt	ctgcacttgc	600
ccctcggggg	ggtcccaggg	ccccagccat	tacatggccc	gctactcaac	atctgcccct	660
gccatctctc	gggggcccctc	tgagtaccct	accaagaatt	acgtc		705

<210> 8605
 <211> 2708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(1401)
 <223> similar to gi5825524 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcctggggcga gccaggtctg agggcccgct ccccgaaacg tgaccatgtg gattcaacag     180
cttttaggac tcagctccat gtccatccgc tggcggggcc gccccctcgg aagccatgcc     240
tggatactga tagccatgtt tcagctcgcc gtggacctgc ccgcctgtga ggccctgggc     300
ccggggccgg agttctggct cctgccgcgg tcgccgcccc ggccgccccg gctgtggagt     360
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gtggagcggg tccacgggca gatgcagatg cctcgagcca gacggggcca caggccccgg     480
gaccaggcgg ccgccctcgt gcccaaggca ggactggcca agcccccagc tgctgccaaa     540
tccagccctt ccctcgccctc ttcgtcctcg tcctcgctct ccgcggtggc cgggtggggcc     600
ccggagcagc agggccctct gaggaggggc aagaggcacc tgcaggggga cgggtctcagc     660
agcttcgact ccagaggcag ccggccccacc acagagactg agttcatcgc ctggggggccc     720
acgggggacg aggaggccct ggagtccaac acatttccgg gcgtttacgg cccaccacag     780
gtctccatcc tacaacacag gaagacaact gtggccgcca ccaccaccac caccaccacg     840
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aaaacaaaaa agacaaaacc taaaactgag ctatctaagg gggagggtcc ccgcacctac    1560
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ggttaataata cctataaaa tatataaata caaacacaca cacacacttt ttttgtactg    1980
tagcaatttt tgaagatctt aaatgttctt ttttaaaaaa aagaattgtg ttataggtta    2040
caaaatctga tttatttaac atgcttagta tgagcagaat aaaccagtgt tttctacttt    2100
ggcaactcac gtcacacaca tattacacac atgtgcgcac acacacacac aatacacata    2160
catgcatata gacgcatcta ttggaaatgc agttccacag gtgagcatgt tctttctggg    2220

```

gacctggtat	tccatcacca	ttcacccag	gggacagcct	cgaccgagac	aaggaggccc	2280
ttaaatagaca	gcctgcattt	gctagacggt	tggtagtggt	catcaaagt	gtgacttact	2340
atcttggggcc	agaactaaga	atgccaaggt	tttatatatg	tgtgtatata	tatatatata	2400
tatatatata	tatatatata	tatatatgtt	tgtgtgtgta	tatatatata	tatatatata	2460
tgtttgtgtg	tgtatatata	tgtttgtgta	tatatatata	catatgcata	catatgattt	2520
tttttttttc	atttaagtgt	tgggaagatgc	tacctaacag	ccacgttcac	atttacgtag	2580
ctggttgctt	acaaacgggc	ctgagcccct	ggttgggtgg	gtggtggatt	cttggacgtg	2640
tgtgtcatat	aagcatagac	tggattaaag	aagttttcca	gttccaaaaa	ttaaaggaat	2700
atatacctt						2708

<210> 8606

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (504)...(208)

<223> similar to gi3367707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8606

ttttttttcc	acagagcaaa	aattagattg	aattagcttt	gatgtagtac	ttgtttaagc	60
acagattttac	gttgtcttag	agagtaggag	attgtataga	atctatgctc	gtagtggact	120
atatagaaac	tagaaatgca	gttatactga	tgtagtgcag	tttgtgggaa	atcaggaatg	180
gtgttctcca	gaatacatga	agattctcat	tgattgttgc	aaggaatcac	gaaagagatc	240
tttgggtccaa	agaaaacgtc	ttttgggcag	cagagcaatt	cgctgaagtt	gcagtaacag	300
atcatctcac	atcccttccc	atcccagaaa	tgatcctgga	cattgacatc	aatctgtgtc	360
aggtcagcta	ctccttccgg	aaggttgtga	cagttgtgat	cttttagtat	ctttctgtag	420
caagagaggc	gatttgcagg	catggcttga	actcctagca	gcaaagttag	cccaatggtg	480
aaaacaagta	ccatcagttt	cattttggct	tttggccctt	tttcttcttt	ccttttggtc	540
ttggcagagg	atgcttctta	aatgctcaca	ctcactgggt	gagtttgggc	aaaaggagaa	600
gagaggagggt	gctggaagga	gcttctttac	aaatgaacct	ttgtctgcct	tgtctctggc	660
ctgggatcga	cagactcgct	gctccagccc	aggactgtgg	ggaggagggg	agtggaagga	720
gacaaggctg	caaggactgc	ctcctttgga	agtgttcagt	ttgttcctaa	ccaggcgaga	780
acgaatagaa	cagcttcttt	acagagggaa	ataactagcc	tatacaagaa	cctcagggag	840
gcagactctg	gtagcaataa	aacataaaac	ctgagggatt	ttaaaagaac	acagcgtgat	900
ttttccctta	agaaaag					917

<210> 8607

<211> 2404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2352)...(1247)

<223> similar to gil869810 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8607
tttttttttt ttgtagaaag agacatttaa tactttctgtt tacaaaattc aggcgtacat      60
ttcagttttgc cctggaccgt gcccaaagct gtgtgtcat ctctgcgccc ctcatgtact      120
tctgacgagg ggggtgcagg gcagggcaga gcagagcctg ggggtccggag gcttcactgg      180
accacagggg gaggggaatg tgaatgtggc ctggcccaga gaactcccca ttcatcgat      240
tttgcatagg gcgatagagg aagcagatgt cggggctgcc tgccttggtc tagaggagat      300
ggctggggcc acttcccaca ggggtgaagtg gcagcggctc agcaagggga gcctggccac      360
caggggctgg gacatgcgct cactggaacc ttgtgtcttg gccctcgga ggcggctgt      420
gggtcccgtgt gaggtgtgct ggggtgggtg tgggtggctg gtgggtggcag cttgtgccag      480
agtgcacag gcctccctgg gttgggatgg gggcagttaa aaagctgaaa aggtacttgg      540
ctttctgagg gcggggcttg ggaggcaggg ccctgcagga gaccatgttc tctgtcctca      600
ggcagatccc agctggcctc tgtcccggg ctgcaagctg acagcaggcc cgggaggcgg      660
tgaggccctc tgccttggcc ttgaggagaa ggagtgcgtg tgtgaggcgg ggggtgcattg      720
gccctggagt agggccaggg cccatcacca gcaccaggct gggagggtatt taaaaccagg      780
gtcctatctc tgagccaccc catggggacc ctcgatccca tcctgttaag gctgcgggac      840
tcgagggtag gcagtgggccc gggcccccgt cgggtcagga cggagggtggg ggctgccccca      900
gaggaacatt agtgtttcta agagcacctt agtgttgccc cgcctcggcc agctgggcga      960
gaagttgggg agcgggggat gtaagtggcg cccatggagt ggggaaggga gccgtcaccg     1020
ttgggagtcg gcgctagtgt aaacaggcat cccaccccac ccagataagc cccccaccc     1080
aagtgtgggg tcctgctcag ggagtacctc aagggccggg gccaggtgg cgccggcagg     1140
ctcagacacc gccctggcag caggggctcc gtggaatgca ggagaccag cagggggtgc     1200
cggccagtgt ggacggaggg gcggggcggg gacacgggtg agtcactgcg gcaggggcac     1260
aagcacctcc acgtagctga gcgggaagaa gcccgactgg ccgtccagca tgccctcgta     1320
ccagttctca tcgatctggt tggtcagcgt gatgacgtcg ccctcatgga agcccagctc     1380
cccgtcgttc tcgggctcga agtcgtacag cgccttgca ctcggctggt ccagggcgcg     1440
catgctccgg ctaggggtcc ggatgggctt gtcggaagat cggaaagacg atgaagctgc     1500
gatcttgggg gctgtggtgc aggggaagcc cccgttgga tgctcaggct ctccaaggctc     1560
aaagggtccc cggggcttcg gcttatactc ccgcttaggg cgtgaggaag cttcccgcac     1620
cctgcgcttg agcttctccg ccagctcgtc caggatctgc acggcctgcc ggtggtagtc     1680
cagctgtgca tccaccaggg ccgagagctg actcacctgc tcgatgtcag tctccaggag     1740
gttgtgcatg ctggtttctg ccacctcctt ggactcctcg aacttctcca gcgctggcg     1800
tagctcctca tcggggatct tgccctgccg cttcttcttg tagtcaaagt ccaggcgcg     1860
gccctccagt ttcttcagggt ggtgctggat ctcttcagg tctttctcgc acaggttctg     1920
gagggggtca atgaagttct gcttgacctc gatgtccagg gagtcttca cctctgccag     1980
gcgcttcag gactcgccgg catccagcaa tgcgtcacca aagttggact cgccgccag     2040
ctccttcccg tggcggatca tgactcgcc cagaagcccc tccgactgcg ggtagccggg     2100
gttcttcacc tggccccgga tcttgacac cgtgttgagc atggtcagct tagcccgcga     2160
ggctgggttg ggctgcagggt actcgatggt cctggccagc acttctgtca ccgcttgc     2220
ggtgacatcc accttcttct ccatctcttt gaagtcacat tccagcttgg tcccctcggc     2280
ccctccgacc ttctcactga ccagctggct cgccttgtag aactgcttct tcagccccgc     2340
caccgacatg ctgccgcccg ccgcagagcc tcccgcggcg accgcgccag cgacaggcac     2400
gaaa
```

<210> 8608

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (509)...(0)

<223> similar to gi4062247 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8608

tgaggtcagc	gcgtagagtt	cgaaatcact	aacggtgcc	aggcccttct	gctgcaaacg	60
taatcgctct	gtaagatacg	tcagcaagaa	ttcaaaaccc	gcttaatcag	cgggtttttt	120
ttggtcttta	gtgtgcggn	gaggccgaaa	acagccagaa	tgccagtgcg	gtcatggcaa	180
aagacccag	aaggttgacg	aaaacgttca	gtaatgccca	gccaaagcgg	ccctcttgta	240
acaaaaacac	cacttctgcc	gaaaatgttg	agaaggttgt	tagaccgcca	caaaatccgg	300
tggtgattaa	tactttccac	actggatcaa	tgttcgatcat	cctgctgaac	catgcgaatc	360
ctattcctat	gatgaatgcc	ccaatcaggt	ttgctgtcag	cgtccccaac	ggaatcgctt	420
gatgcagtgg	gttaaatcgc	atacttagca	gccatctcgc	cacgcttgcg	gtccccccgc	480
caataaaaac	tgctaaaaga	agttgtaacg	ctgcaaaatc	ctgctatttg	atttgatga	540
gtgataagt	taacgccgaa	taatcgctcg	tggcgaaatt	tgcgcctctg	acaggagggt	600
gcaatgctgg	ttgccgcagg	acagtttgct	gttacatctg	tgtgggaaaa	gaacgctgag	660
atttgctgct	cgttgatggc	gcaggcggct	gtaa			694

<210> 8609

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (330)...(16)

<223> similar to gi42543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8609

tctgcaggaa	ttctttaacc	tttgaccttc	ggcattgcga	tgtctttcag	gccaccggcg	60
ttctcaacgt	gggtatatcc	catctcgcta	aggatctctt	ttgcttgccc	tgactggcgt	120
ccggcattgc	aatacacttt	cacggtgtcg	tttttatccg	gaacggcggt	ggcaatgcgc	180
tctttcactt	ccttcagggg	aatattgatg	gccccctgaa	cgtgctcttg	ctgatactgc	240
tctggaacac	gaacatcgat	ccagtgttca	gcggcgaaaa	cgggcagtga	aaacaccagt	300
gccagagcaa	gtaagccttt	tttaaacatg	taagcgctct	tctatggatg	aaaattgcc	360
tccattatac	gcctgagatt	taacaatttt	tgcgaaactc	ccctcacctt	ttataacgct	420
gtgccagtgt	attagcagcc	cgacttaaca	gcggttccag	cgccacagcc	agcaacattt	480

tcagcgggtcg	gcgagcaact	gattttatcg	cccagcccg	cacacccgcc	gggccatagc	540
gcagtgcggt	aagaagtacc	agcttgccgt	ctaatttgaa	accaggcttt	accttttgcc	600
cggcctgttg	ccagcgagta	tccataactt	tcctcacagt	tgacggaaac	ggctacgaaa	660
cgggaaaag						668

<210> 8610
 <211> 1988
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1989)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1779)...(862)
 <223> similar to gi598231 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8610						
tttttttttt	ttagatttgc	attcccgatc	ttgggtttat	tcaacacaat	tcttccactc	60
tacacaacaa	agtacaaaca	caatgtcatc	taaaatgcta	caaagggtata	aaactcaaaa	120
gagaaatttt	atagtactga	ctgtacaatg	aaagcaaaaa	agaaaaaaa	taaaagcaat	180
gtacatgttg	ccaagataac	ctgaaagacc	accatgaacg	gcaggcacia	ccatggctgc	240
gtgatgacct	cgcagagctg	gctctcaact	cactcgccaa	tttcagagta	cagtgggtggg	300
gtgcgggtgtg	tgcacgcgtg	cacggacaga	cagaaccacg	agcagcaact	accatgggtg	360
agaggatctt	tgaggggggtg	tgacccttga	ggtcagaaga	ggcctcgaga	ggccaggcct	420
aacaggggtg	gcagctgcac	taaagcctgg	ggcagctccc	tttccaaaag	gacactgccc	480
agcaacagca	agggcacggc	ctggccacca	tcccaggtca	tcggggaagg	gaaaagtgtg	540
ctcccaggta	agcaggggtca	aaccaccccc	aagagcctca	cttttccctg	gtggctctgc	600
cactgaactg	actcttagaa	accggaaacg	gatgagcttt	ctagccagaa	aaccggaggg	660
aatcttgaca	ggcacacagc	atccaaacca	acagcacttc	tgacgcccgg	gcccggctgg	720
cagaggggtg	ctgcttgcgt	cctgcaaate	ctgccagagt	caagggtttg	ctttcctact	780
ggtcttcctt	tggctagaaa	agtgacaaaa	ctgagctggg	tggggtataa	gttacagggg	840
cgagagcttc	agtggcctgt	ttatcgggag	gagttggagc	tggagcggct	cctgtggcgg	900
cggcggcccc	gggaccgtga	tctccggcgc	acgggggacc	tgccctcg	ggagcgggac	960
cttctcctca	tccgtggggg	agacctgcgc	cacataggcg	gtgggtggca	cattctcctg	1020
ggagggctga	atctcctggg	gggtggccta	ggccaggggg	ccagcacggc	ggtggcagtg	1080
atctcctggc	catcaatttg	tctccatcc	atgtgcttca	gcgccttctc	ggcttcatct	1140
ggattctcaa	actctacgta	cgcatagcct	ttggacagat	gggatgcat	cctttccacg	1200
ggcatgtcaa	tcattttaat	tttcccatag	gtggaaaata	tctccatgat	gtgatccttt	1260
gtcacattcc	gggtgagctc	cccaatgtgc	actttgggtg	gcttaggaga	tgggctccgc	1320
cttttctctc	ccttttctac	tcttttaggt	ggtttggatt	tggagcggga	gcgcctcctg	1380
ttgtcgtgtc	tgcgccgaga	aggacttggg	gagccagaag	agctgctaga	gctggagctg	1440
cgggaggtgc	tggagcttcc	tgagcggctg	gatgctgagg	aagagctgga	gccactgctt	1500
gagccagtgc	tgggtgctgga	gcctgagctg	gaagtgcagc	tggaccgaga	cctgggtactg	1560
ctgctaaccac	tgggaagcgt	gcgcctcttt	cgggttttgt	ccggccgcgc	atccttctca	1620
ctcgactcct	tgggtggcccc	tttatctttt	gagcgatcct	tggacttctc	atctgagcgg	1680

tctttgcggt	tggtagggtga	aggagcccta	gtgctggact	ttttattatt	ttctttgact	1740
cctagcaagc	tcttcttttt	cactcctgat	aaatccattc	tccccctctg	aggtgttcaa	1800
agcagcaatg	gcggcctcac	ttatctgaac	tctcacttct	aacttgattc	tgagaaacga	1860
tccctaatacg	attgcaattt	acgccaaaaga	gcagcatctt	ccgcgcgcg	ccacctctc	1920
ctgctttcct	cagccgccga	ggccccctt	ctgtcgtctt	ctagcaggat	agtagtatag	1980
cnacgtat						1988

<210> 8611
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (240)...(557)
 <223> similar to gi453964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8611						
atccttaatt	aaattaattc	ctcccccccc	ccccccggca	ggctccaggg	gcggggcggtg	60
gccggggcgc	aacgacgggc	gcggagggtcc	ggcggggcgc	gcgcgcccc	gccacacgca	120
cgccggggcgt	gccagtttat	aaagggagag	agcaagcagc	gagtcttgaa	gctctgtttg	180
gtgctttgga	tccatttcca	tcggtcctta	cagccgctcg	tcagactcca	gcagccaaga	240
tggtgaagca	gatcgagagc	aagactgctt	ttcaggaagc	cttggaagct	gcaggtgata	300
aacttgtagt	agttgacttc	tcagccacgt	ggtgtggggc	ttgcaaatg	atcaagcctt	360
tctttcattc	cctctctgaa	aagtattcca	acgtgatatt	ccttgaagta	gatgtggatg	420
actgtcagga	tgttgcttca	gagtgtgaag	tcaaatgcat	gccaacattc	cagtttttta	480
agaagggaca	aaaggtgggt	gaattttctg	gagccaataa	ggaaaagctt	gaagccacca	540
ttaatgaatt	agtctaatac	tgttttctga	aaatataacc	agccattggc	tatttaaaac	600
ttgtaatttt	tttaattttac	aaaaatataa	aatatgaaga	cataaaacca	gttgccatct	660
gcgtgacaat	aaaacattaa	tgctaacact	ttttaaaaaa	aaaa		704

<210> 8612
 <211> 1748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (224)...(1195)
 <223> similar to gi475210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8612
cacagagctc cctcccaggc ccgcgaactt ggccattcag ccgccgctgt ccccgctgcg      60
cgccctcgcg cctctgcctg agaagccagg cgctgttccc ccaccccaga agaggatggc      120
aaaggtgggt aaggacctca acccaggagt taaaaagatg tccctgggcc agctgcagtc      180
agcaagaggt gtggcatgtt tgggatgcaa ggggacgtgt tcgggcttcg agccacattc      240
atggaggaaa atatgcaagt cttgcaaatg cagccaagag gaccttgcc taacatctga      300
cctagaagac gatcggaaaa ttggccgctt gctgatggac tccaagtatt ccaccctcac      360
tgctcgggtg aaaggcgggg acggcatccg gatttacaag aggaaccgga tgatcatgac      420
caaccctatt gctactggga aagatcccac ttttgacacc atcacctacg agtgggctcc      480
ccctggagtc acccagaaac tgggactgca gtacatggag ctcaccccca aggagaagca      540
gccagtgaca ggcacagagg gtgcctttta ccgccgccgc cagctcatgc accagctccc      600
catctatgac caggatccct cgcgctgccc tggacttttg gagaatgagt tgaaactgat      660
ggaagaattt gtcaagcaat ataagagcga ggccctcggc gtgggagaag tggccctccc      720
ggggcagggt ggcttgccca aggaggaggg gaagcagcag gaaaagccag agggggcaga      780
gacctgct gctaccacca acggcagctc cagtgaacct tccaaagaag tggaatacgt      840
ctgcgagctc tgcaaggagg cggcccctcc tgacagcccc gtggtctact cggacagggc      900
aggctacaac aagcagtggc accccacctg ctttgtgtgt gccaaagtgt ccgagccgct      960
ggtggacctc atctacttct ggaaggatgg tgcacctggg tgcggccgcc attactgca      1020
gagtctgcgg ccccggtgct ccggctgcga tgagataata ttcgctgagg actaccagcg      1080
tgtggaagat ctggcctggc accgaaagca ctttgtctgt gagggttggt agcagctgct      1140
gagcggccgg gcgtacatcg tcaccaaggg tcagcttctg tgcccaactt gcagcaagtc      1200
caaacgctcc tgaagggtcg cccaccaca gccagaatcc acaggatccc accgagaagg      1260
agagccaggt gtgccgagac catcctaagg gtccgatgtg acagcaagca agtgaaataa      1320
acaatgattt gcttttcagt gagaatatat atatgagata tatatagata tatattctag      1380
gttgggtggt ggtagatcct tgagggtcag tagtttcaaa accaaaaata ttctaagaag      1440
tcttaggatg gagttccttt tctttctgtt gttgtttccc agctacaacc aactaaagac      1500
acaaatggcg ttctgcaagg ggactctggg aggagttttc cagaatgcaa ttccgagtga      1560
gcaaatcgca tagctgtaga atgtgcgtgc ttttttgtgg acacaggagc tcctccagga      1620
gcaggctggg atcccaacta tcgcttgttg cctctttttc aagtggaatt tgaattttaa      1680
ataaacaact ttttttggca tgataaacag atcaataaaa gttttgtgaa ttccacataa      1740
aaaaaaaa

```

<210> 8613

<211> 1453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1443)...(554)

<223> similar to gi4929651 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8613

```

tttttttttt ttcattttgc ccaaactctga gttttatttt tgctggaatc aggtcatctg      60
gcctggctgt cccaccaacc cagctgggag cctctgagtg gcctgccagc agcatctcat      120
tacaaaacag cccctggaa ccaggtagcc aaggaagcgg cccacctgaa aggcatttag      180
attgagaaga aaactgcac cttcctgaca aaggtcaggg gtcacggtga agggagggct      240
gctgggatca cagggacagc agcatcttct agcagcttgg ccataccagc cactgaggtc      300
ctaactgcag ccaagggggc gttctgcaca tgctcgtcac cctctgtgct ctgttcccca      360

```

cagagcaaac	gcacatggca	acgttgggtcc	gtcagccac	tggttctgtg	gtggaacggt	420
ggatgtctgc	actgtgacat	cagctgagta	agtaacaacg	actgaggatg	ccgctgaccc	480
agggctgggg	aaggggactc	ccagctcaga	caggcttggc	tgtggtttgc	tttgggagga	540
gagtgaacat	cacaggaat	ggctcatgtc	agccccagga	gggtgggctg	gcccctggtc	600
cccgggtcc	ttctggccct	gcaggcgata	gagagcctca	acctgctgcc	gcttctcctt	660
ggcccgggtg	atggccgtct	ggaagagcct	gcagtagagg	tgcacagcca	gcggagagtc	720
gtcattgccg	ggtacagggt	aggtgatgag	gcaggggttg	cagttggtgt	ccacgatgcc	780
actgtgggg	atgttcatct	tggctgcgtc	tctcacggcc	acgtgtggct	caaagatggt	840
gttgagcgtg	tgcaggaaga	tgatgaggtc	cggcaggcgg	accgtggggc	caaagaggag	900
gcgcgcgttg	gtcagcatgc	cgcacctgaa	gtagcgagtg	tgggcgtact	cgccacagtc	960
acgggccatg	ttctcaatca	ggtacgagaa	ctgccgggtg	cggcttataa	acaagatgat	1020
gcccttgctg	taggccatgt	gggcggtgaa	gttcaaggcc	agctggagggt	gcgtggctgt	1080
ctgttccagg	tcgatgatgt	cgtgggtccag	gcggctccca	aagatgtacg	gtcccataaa	1140
cctgtgccga	cagccagctt	tgtgtcccag	atggactcgg	gcacgaaga	ggcttctcac	1200
ggaaaacagt	tccttgacat	tgaagaagtc	agagtgttg	aggggctcat	tcaaaatctt	1260
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<210> 8614

<211> 7135

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(1254)

<223> similar to gil665783 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8614

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<210> 8615
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (673)...(484)

<223> similar to gi557242 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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caaatttaac tttgttatgc taaggctata aaaaaaatg gacatgaaga agttgaagca      600
gagcatgtag agtttctgta cagagttctc gaacaagcag ttacagaggc aaaccacagt      660
gaaacaacag aagaaggga cctggtggag atggctgctg agaagttgct ccatgaactc      720
agaggaccta tagaagggcc tacctacact cattgtctta gagcagcctt gctaaccac      780
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```

```

<210> 8616
<211> 4219
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (297)...(2551)
<223> similar to gi2281071 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cgtagctgct cctttggttg aatccccagg cccttggttg ggcacaaggt ggcaggatgt      300
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cacagctgga tgatcaatat agtcgctttt ctttgagaga taacttcttg ctacagcata      540
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<210> 8617
<211> 8866
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (424)...(5912)
<223> similar to gi2224533 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8617
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<210> 8618
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(407)
<223> similar to gi4929709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tgagaagata aa                                           912

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```

<210> 8619
<211> 1671
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(1225)
<223> similar to gi4106673 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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acttacagag	tgtgtctgtg	tcttcttgag	gaagtggcct	gtctgggtcc	ccctcccagt	1380
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agcagcggat	agctggaaac	caactgccag	tgcccagcat	gtagggcggtg	cccctagagc	1500
gggagctgcc	acctgcttcc	tggggcccag	gccccccgc	caccttgagg	ggaggtactg	1560
ttggcctctc	ctttttttaca	gctgaggaag	caggcccagg	gaagggaggg	aacttgccca	1620
aggtcatcac	catcaaagaa	atggtatctt	ggctttaagg	catacactcc	c	1671

<210> 8620

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1318)...(855)

<223> similar to gi2282042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8620						
caagcccccg	gaagtaaaac	tgggtccttt	aaaacggccc	cccccttttt	tttttttttc	60
aattattaaa	tgtttggcac	tttattaaat	taattaaata	agctccaaaa	ttaattacat	120
acaaatcaaa	ggaataagaa	acaataaata	gtttattcag	caaacacctc	tctgcagcag	180
ccggcagctc	tgaggccgag	gctggcgctc	tgtggcagag	ggcctgtgga	ttgccatgct	240
cgctcccagg	ggtggctcaa	cagggacaca	ggtctactcc	ttccacatcg	ggtttccgga	300
acaacaactg	aactctcatt	cattaccatc	ccattcatta	ccattttttt	ttacatacac	360
gaaacacacc	gcaatgtata	gactaataag	ccaagagctt	tattgatgca	gcaggcactt	420
tacaatgagc	ccaagagtgt	ccaccttctc	tgggaagaca	ggatgtctgt	acaaactctt	480
gggttttttt	ccacttcaaa	aacacaagct	ctcccgttta	ccacagccct	tggatctgca	540
cctgccc aaa	ccatccctcc	cccagtgcac	acaggtgcat	ctgaccaaca	ccagccgcca	600
cgctggtaga	ccgtcaaaat	gtcagttctg	cagtactcgg	agacaaaagg	atagactatc	660
agatcctaaa	caggatttag	gaaacagacg	attttcccct	ccaccttgaa	aataaaatac	720
atttcagcag	atacatgtcc	tgaaatagtt	tacttgggag	ttcctaggaa	gatggtccat	780
tgtcaatccc	ttcttcacca	gcctgggcat	ccagaattct	tctcaaggta	acatgagtct	840
ttttattttt	tttaaacagt	ctttcttgct	gtaagaactc	ttataatgga	gcctagtcc	900

```

cctactgcta aggccttttc gtgccactgg agtaacactg cgetgctatt ttctgtgggc 960
ttctcaaagc ctttataaat gtacttcatt aacaagtcaa cgcggtttct gtccagtga 1020
tgcacagcct gctcaatctc actgctcttg aagtttgatg gcactttcag caccacgccc 1080
tgggctcgct ccttcacagc ttgattcttg gtgttgacgg gagagtccg caaggctgca 1140
tggaatgccc gaagcatgtc cccttgccgc aggagcccgt ccacctcgct cgggtccggg 1200
cctggctccg ccgcccgcgc cgcgcctcc tcctgctcgt ccacaaattt gttctcgtca 1260
aattcgtcga tgtccaccgc gcggaagcgc gaggacagcg tgttccgggc catggcggga 1320
gctcggcgcc cgtcagccg gctccgctcg cggcccacc tcggctctgc tccgctcgca 1380
ccggctcctg ctcgggggcg ggaagcggct gcccggtgc gaattcttcc agtggcacga 1440
ggcc

```

<210> 8621

<211> 1406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (216)...(944)

<223> similar to gi4689132 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8621
tcgaccgagg gccgcgcagt actgcgacgg atacaggagg ggcaagggtt tccttttggc 60
gcttcccttt ggaccccgga gtgaaaaact ctaacgtcca gatcagtggg gagaaacgca 120
gatttaggac cctgaggagt ctttttcacc cgtttcccg cactcgctca ggcgcgccga 180
gggcagtcct tgtgggggtc tcgtggccag ccaagatggt tgcccccgca gtgaagggtg 240
cccgaggatg gtcgggcctg gcgttgggag tgcggcgggc tgtcttgca cttccagggc 300
taactcaggt gagatggagc cgctatagtc ctgaattcaa ggatcccttg attgacaagg 360
aatattatcg caagccagtg gaggagctaa ctgaggagga gaaatatgtt cgggagctca 420
agaagactca gctcatcaaa gctgctccag cagggaacac aagttctgtg tttgaagacc 480
cagtcatcag taaattcacc aacatgatga tgataggagg aaacaaagta ctggccagat 540
ccctcatgat tcagactctg gaagctgtga aaaggaagca gtttgagaag taccatgccg 600
cttctgcaga ggaacaggca accatcgaac gcaacccta caccatcttc catcaagcac 660
tgaaaaactg tgagcctatg attgggctgg taccatcct caaggaggc cgtttctacc 720
aggtcctgt acccctaccc gaccggcgct gccgcttct agccatgaag tggatgatca 780
ctgagtgccg ggataaaaag caccagcgga cactgatgcc ggagaagctg tcacacaagc 840
tgctggaggc ttccataaac caggggcccc tgatcaagag gaagcatgac ttgcacaaga 900
tggcagaggc caaccgtgcc ctggccact accgctggtg gtagagtctc caggaggagc 960
ccagggccct ctgccgcaag aaacagtgtg agctactgcc acgctgaaaa ctacctgtgg 1020
gttaaggatg tagttccttt gtaagggtgg gcaggcctcg taagaaagat gtagcagcat 1080
attcactatc cgttaatcct tctttctttg aggctggaac ttgctctctc tgcccctatt 1140
tccttgtaaa gagggagcac attgacttgg gaatttcctc caggaaactc agggctgttt 1200
tctcttcct taggttgggg cggaccttg gacatataaa ggaagcagtt ttagtatcag 1260
aaaagattta ttagaaaatt ctcacgctga actggtgtag catgtggtgc agcattcagt 1320
gaaactggct ggaggaaata ggcttgtttc cagagttgtc cttatacaaa atgtataaaa 1380
agcagtttct ggtgtgaaaa aaaaaa

```

<210> 8622
 <211> 2900
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (59)...(1651)
 <223> similar to gi881971 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8622
gagcgccccg acggcgccccg ctcgccccatg ccgagctgag cgcggcagcg gcggcgggat      60
gctggcgctg ctggccgcca gcgtggcgct cgccgtggcc gctggggccc aggacagccc      120
ggcgccccgt agccgcttcg tgtgcacggc actgccccca gaggcggtgc acgccggctg      180
cccgctgccc gcgatgcccc tgacggggcg cgcgagagtg cccgaggagg agctgagggc      240
cgcggtgctg cagctgcgcg agaccgtcgt gcagcagaag gagacgctgg ccagcgcgag      300
ggccatccgc gagctcacgg gcaagctagc gcgctgcgag gggctggcgg gcggcaaggc      360
gcgcggcgcg gggggccacgg gcaaggacac tatgggcgac ctgccgcggg accccggcca      420
cgtcgtggag cagctcagcc gctcgctgca gacctcaag gaccgcctgg agagcctcga      480
gccgctgccc gcgatgcccc tgcagggcg cgcgagagtg cccgaggagg agctgagggc      540
cgcggtgctg cagctgcgcg agaccgtcgt gcagcagaag gagacgctgg ccagcgcgag      600
ggccatccgc gagctcacgg gcaagctagc gcgctgcgag gggctggcgg gcggcaaggc      660
gcgcggcgcg gggggccacgg gcaaggacac tatgggcgac ctgccgcggg accccggcca      720
cgtcgtggag cagctcagcc gctcgctgca gacctcaag gaccgcctgg agagcctcga      780
gcaccagctc agagcaaacg tgtccaatgc tgggtgccc ggcgacttcc gcgaggtgct      840
ccagcagcgg ctggggggagc tggagaggca gcttctgcg aagggggcag agctggagga      900
cgagaagtcc ctgctgcaca atgagacctc ggctcacccg cagaagaccg agagcacctc      960
gaacgcgctg ctgcagaggg tcaccgagct ggagcgaggc aatagcgctt ttaagtcacc     1020
aaatgcgttc aaggtgtccc tcccactccg cacaactac ctatacggca agatcaagaa     1080
gacgtgcctt gagctgtacg ccttcacat ctgcctgtgg ctgcggtcca gcgcctcacc     1140
aggcatgggc acccccttct cctatgcggt gccagggcag gccaacgaga tcgtgctgat     1200
cgagtggggc aacaaccccc tcgagctgct catcaacgac aaggttgcg agctgcccct     1260
gtttgtcagt gacggcaagt ggcaccacat ctgtgtcacc tggacgacac gggatggcat     1320
gtgggaggca ttccaggacg gaaagaagct gggcactggg gagaacctgg ccccttgcca     1380
ccccatcaag cccggggggcg tgetgatcct tggacaagag caggacaccg tggggggtag     1440
gtttgatgcc actcaggcat ttgtcgggga gctcagccag ttcaacatat gggaccgcgt     1500
ccttcgcgca caagaaattg tcaacatcgc caactgctcc acaaacatgc cgggcaacat     1560
catcccgtgg gtggacaata acgtcgatgt gttcggaggg gcctccaagt ggcccggtga     1620
gacgtgtgag gacgctctcc ttgacttgta gccgccttct cctctgtcca ggaggccggg     1680
atcaggctgt tgccatggaa gttcagggcc atagactgcc ccacttaaac tcttgtcagt     1740
ctgggctcag ggttcccaga gctcattccc caggaatctc taagaccagg gctggggcag     1800
tgtctgtcac tggcttgttt gttccctacc aatattctgt tgctgtttga agtagtgcca     1860
gggtcccttg ggaagatgcc cccaagacac ctgccccaa ggggtggata tctgccttcc     1920
tgctgcaagt ggaggcaggt ccagcagccc ctcttcagag cccctgtaaa tgctatcgca     1980
gcttgagtc tgccgccttc cagttccttg gtgtcccggt cacccttct gtctgtcccc     2040
tttcattgct gtgcagccgt cccgctggag tggccatgtc ccttgtgcat tgagtgcac     2100
cccgtgggtg actaagctcg cagcaagcgg ctaccccccg atctgcaaaa gggcctctcc     2160
ctttgtgttc tatacattgt gaattctccc gtctgaagaa cgcccagcct gccagacaa     2220
agccccgcct tccccaaagc agaggggctg tctgtgtctc cagaaagggg acatcggggg     2280
ggaggggggg tcagaaagga gaagggtgt gatctccgg ccttccccc atcatccttc     2340
cttagactga tgctttgact gaatcatcac tagctatggc attaaaaggc ctctcttctc     2400

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atctggtgcc	aaaggttccg	ttgcagcttt	ttacaacccat	ccggtgtggt	ttggaggatt	2460
tggttttttt	tttcccaaca	gaaaagaaca	gccattaaaa	gaaggctccc	attttctgat	2520
gttccgcccc	actgggaaaa	gggggctcgt	tttaaattca	tggtgattct	tgtaagcact	2580
ggactgtctt	catcaagtat	ttccctacag	aactcctcaa	gaaaacagag	atcatttggc	2640
tagagattgt	ctgagtgact	ccaagctact	cactgtattg	gacgggagta	gtaatttatt	2700
ttaaagataa	agtgactaag	tggggaaatt	tataaagcta	aatattatat	attttatttt	2760
tcatacatgt	ttgaagtgca	aatctgtgga	tattccattt	gtaggaccaa	gtcgacatgc	2820
ccatcctgac	attgtatgct	acgagaactc	ttctgatgat	ggaatttcga	ttaaagtgca	2880
ctgaaagatg	aaaaaaaaaa					2900

<210> 8623
 <211> 2263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2264)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2107)...(1143)
 <223> similar to gi3882279 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8623						
tgcacaaccc	ctttcctctt	caactaagcc	aaaccataa	aacgggggcg	taggtatgtc	60
gggacaccaa	aaagcagcag	cagcagccag	agggagttaa	aactgcatct	caaaacaaag	120
gcggcagagg	gcagcattta	cagcaagact	ttcttactca	aactgtttca	agacaagagg	180
gagcagcaca	cttaaataatc	cacacatttc	ttcattttaa	aacatcactt	ctttattttca	240
aaggaaaaat	aaaagaccct	cccaaccctg	tccaaaaaaa	accaataaat	aataataaca	300
ataataaaaa	atcctattag	aaaccataag	gaagcactga	gagtttgagt	attacattct	360
tcaagtatgc	tgttcggatt	ttttattttt	aggttggtaa	ctatacacat	ataaaaaaac	420
cttaaaagtg	cggccaaggg	attttgctta	aaattaagta	tttagagggc	tacttaaaaa	480
tactgtagta	ggactgtgca	gtgacccctt	gggggatgat	gctttcactt	ttgtatcctc	540
gtcaagggtta	aggggcaggt	tcaaaagtga	tcatacttcc	aggattagcg	taagtggcca	600
acttggtgga	gaaagccaga	gagatccatg	tgttcttcca	cggacaacga	aaatccaccc	660
cgaatccaaa	aattcagaca	tggaatgtgg	taggatttca	cagtaaagtt	agtctgggat	720
agggagaggt	gatgagccca	gacaaggcag	ggtgttaggt	ttaactgggt	tgccctcatc	780
aggttttcgc	atcttttttag	tgggttttag	tgcagtcctt	caagccacaa	tttagattgc	840
ccttcggtgt	gctccagatt	gttggttcac	attaaaggac	tgttttaaga	tttgcacccc	900
aaggaaaaatc	atgctacata	aaaatgatcc	aagattttcg	cccaaaaaac	ttcttggtata	960
aaatctaaaa	aatactattg	caattgcgtc	tcttgaagaa	aaaaacatta	ttctaaatgt	1020
aaacagattc	actcaactct	ttttttgttg	tagaaaactt	cagagtaggt	aagttgctgt	1080
ctaactctct	gctgcatgca	ctcgccagag	ggtaggggaa	aatgccttct	gtgccagcat	1140
catctagggg	atgaaaagaa	ccgttccaca	tagctgaaga	gggcgtccca	gtgcttccag	1200
agaaaggcaa	taaaaaccac	aaggaataaa	gtgctgaacg	tcctgttgcg	agtcttcatg	1260
agggggacca	cacagttggc	tacagtggag	acaaagacca	aaaggactgc	catgacagcc	1320
aggaggatgt	tgatgagttt	gcccagaagg	ttccgggcag	tggcattctc	cagcccttct	1380

agctgcacca	cctgctgctg	ctgctgctgc	agctccatct	tggagatgcg	cgtctggcat	1440
gcctccaggg	cctcctggat	gtcccgggcc	cgttcatagg	actgatacgc	aattttttct	1500
tccatgcttg	ccagttcctg	cttcaagttc	aagatttcac	tctggtggag	ctctgttagg	1560
tcatttagct	gttcttccaa	tcgttcacat	ctatatcgct	cctcctgtaa	ggtctgcatt	1620
attaaggaat	agtcctctg	ataatgttcc	ttgagagtct	caaaggattc	ctctagtctg	1680
gcctggggtt	cccggatctc	ctggatctca	tgtagtagtg	catcaaatcc	tgagctctgc	1740
atgtccaggg	tgtttgtttt	ggagctggat	gctcctacag	cgatgcccc	tgtgggtgctg	1800
ttggctccca	ctgagcctga	agtggcacta	gaacaatctt	cttcactacc	atattttggg	1860
ctagactgaa	agtttgaaat	cactcccaaa	gccttccccg	catcatccac	ttgcccttcc	1920
tctaaagagt	ccttcagggt	ggggatgttg	tctgcaactgc	caaatttggt	ccgaatgagt	1980
gaggcaatct	ctctgggctt	tgagactaca	gcgcctgctg	ctgaatgggt	ggcctgggag	2040
aagctggaaa	acccaccttt	gacactatcc	accacacctt	cactgaagcc	agtcaccttt	2100
gctcgtacat	ccgtcagacc	ctggtgcgtg	tccatgaaga	catcctttgg	cagccggggg	2160
atcccattcc	gctctacctc	tctgagcttc	ctgtggtaga	gataaagttt	cttttcagct	2220
ggaggatggt	ggcagattgt	gtcttccaaa	angtggtact	ctc		2263

<210> 8624

<211> 1485

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1204)...(328)

<223> similar to gi452276 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8624						
tttttttttt	ttccgcaggt	ctgaaatgga	ctttaattgg	cttttgtctc	tagaattacc	60
caccggttcc	tgcgtcttac	ggttctccat	gccccctcca	gtttgggggt	ctaaaccgaa	120
caggagaggt	gcaggggacc	aggaggtgtc	ctggcaciaa	ggttcggggg	tctccctggc	180
aaggggtccc	agggcctgga	gcccagggcc	cagccaaaag	cacacagcat	caaaacatgt	240
tttttagtggg	aagctccagg	ccctgcccct	ccccgggggc	ctcgaggtcg	gggagcaggt	300
gggcgtctgt	ctgcctccag	gtcatggcag	tgcaggcggg	gagctggggg	ccggcagggg	360
cgcggaacagt	gcggcgtggg	cgaacagagg	gttgcgcacc	tccatttccc	cggtcggggc	420
caggcccggg	cactcgtaca	ccgtgaagtc	tccgtcctca	ttctcctcat	ccgaggaggc	480
cgtgtccagc	tccttggttg	gctctttatg	ccgctccagg	cacagcatct	gttgccgttg	540
gtgctggtag	tggtagatct	ccgcgtctg	tgccagccgc	tggccccag	gcgagatccg	600
gggagctgca	ggtgagccag	gggccttcgc	agtggcgtag	tcggccttct	gagtcaggcg	660
gatctcacgc	tgcagcctgc	accagcagag	ggaggctacg	gagagggcgg	ctgcaccggc	720
cacacagaac	gccaggatca	gcacaagggc	gaggccgtcg	ccttgccctc	cccggggctc	780
caggggcgac	atgtgcaccg	ggtcgggatg	cacaggggag	cccagggagg	tgtggggcgt	840
gggcgtgggg	gttcctggag	tggaggggag	gcccagctcc	agccccctgc	cccgtgccga	900
gaagcccagg	gtggcaggct	ccgggagccg	ctgtcgggtc	ttgggtaggg	gcggagttga	960
gtgtccagac	tccttccggg	caagctcctg	ggccaggaag	tcaatctcat	cttccagtct	1020
gggctggggc	cggcccccgc	ctggaggccg	gcgcactcctg	ggcacacaga	gcccttgctg	1080
gtcctcctgg	aagggtgtaa	ggcaggggcc	acaggcatgt	gcaccaggag	gacaccttgc	1140
ccgcctcttc	agggcacagt	ccaggctccc	gggacaggcg	gctacatccg	ggaaggaagc	1200
agaaggcagg	gccggctcac	ggccccgcag	ggctcggccc	ctgcacacgg	cagcgctgcc	1260
ccagccaccc	gcccccgta	ccccccgagc	tggccggggc	tggttctggc	cattgttctg	1320

gacatgccct	tcctccctga	cgccagggct	cagaacccgg	aagcgaacag	tcctaggact	1380
tatcagaact	accctgcccc	acccctcccc	agggctccact	tccaggcctg	atagagccct	1440
cagctcagaa	gctgcctcgt	gccaaagctag	gcgaataggt	aatag		1485

<210> 8625
 <211> 4291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (984)...(2533)
 <223> similar to gi5917732 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8625						
gcgcggggca	ccaccgctc	cccccccaa	ccctcctcag	cagaagcagc	cggcgcgggt	60
ggcaggagtc	agcccgcttc	cgaccgtacc	ccgcccgcct	cccggggctc	ctgttctgtg	120
gccccgggac	cctaaccagc	tcccggggcg	gttcctccg	tctgggcgtc	cgagcgctgc	180
ccacatcttt	cattcctccc	tgcacctcct	tcccttcact	tttgccccgg	ctctctttct	240
cctctctgtc	ctgctgtcgc	ctcctctcct	cactccagcc	tccttcctcg	gcttattctg	300
cccaggaaag	tttggaaccc	ccgccccccc	tccccaatca	ggtcaacctg	actaggagta	360
gggggagatg	taggaaggcc	tgagagttcg	ggggggggga	agctggaagc	tggtttccca	420
aaaaatttcc	ccccatcttc	tccatttagg	ggggggggaa	ttttttttaa	tcctgttttt	480
gacggagggg	gggggtgttt	aggaaaaagg	atgtgggaat	ggaaggggta	gatgagtcaa	540
ccctctttca	agattccaac	gggtggtgtg	ttacctgac	cttttcgtgt	gtggagtcca	600
gggggtcggg	aggtttgcc	tttattccca	cattcaaagt	tggaacctcc	cccaaattaa	660
gaatggagtt	ttagtaccca	cttgtggcag	gaaatcctgg	ggggaagggg	tccttttttc	720
ctttttcttt	tcttttttcc	cttttttttc	cttttgcaa	cccacacct	tccacacacg	780
ctcaccccaa	aattaaacac	caagatcctc	taacttgttt	ggattgactg	atgaagacat	840
aaagctctat	gttttttgag	gtggagttag	tggtttttct	tcatttttaa	atggccaaat	900
gacagcttga	cccagtttgc	tttccaatca	aagggcattt	attttgatg	tctttttgtg	960
gcgcaagagc	caacgcaaaa	atgatggcgg	cttacaatgg	cggtacatct	gcagcagcag	1020
caggtcacca	ccaccaccat	caccaccacc	ttccacacct	ccctcctcct	cacctgcacc	1080
accaccacca	ccctcaacac	catcttcac	cggggctcgg	tgcgcgtgta	cacctgtac	1140
agcagcacac	ctcttcggca	gctgcggcag	ccgcagcagc	ggctgcagct	gcagccatgt	1200
taaaccctgg	gcaacaacag	ccatatttcc	catcacggc	accggggcag	gctcctggac	1260
cagctgcagc	agccccagct	caggtacagg	ctgccgcagc	tgctacagtt	aaggcgcacc	1320
atcatcagca	ctcgcacat	ccacagcagc	agctggatat	tgagccggat	agacctattg	1380
gatatggagc	ctttggtgtt	gtctggtcag	taacagatcc	aagagatgga	aagagagtag	1440
cgctcaaaaa	gatgcccaac	gtcttcagca	atctggtctc	ttgcaaaaagg	gtcttcgggg	1500
aattgaagat	gttgtgtttt	tttaagcatg	ataatgtact	ctctgccctt	gacatactcc	1560
aacctccaca	cattgactat	tttgaagaaa	tatatgttgt	cacagaattg	atgcagagtg	1620
aacctacataa	aattatcgtc	tctcctcaac	cactcagctc	agatcatgtc	aaagtttttc	1680
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<210> 8626

<211> 3739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3740)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (20)...(2493)

<223> similar to gi6007619 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 8627

<211> 1080

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (278)...(35)

<223> similar to gi5457683 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gaaaacagga	gataactaga	aggactagag	aatggggctg	ccagaactag	tgggaagctc	1020
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<210> 8628

<211> 2957

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(1156)
 <223> similar to gil770163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ctaagatcgg aagatgagtg agcttgacca gttacggcag gaggccgagc aacttaagaa     180
ccagattcga gacgccagga aagcatgtgc agatgcaact ctctctcaga tcacaaacaa     240
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<210> 8629

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (688)...(1093)

<223> similar to gi2852645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agaatgactc	aagggaagtc	atagtaccat	agtttttaagg	accaaggtgt	gcccagaatt	1800
caagtttcac	aatcccaat	g				1821

<210> 8630
 <211> 921
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (81)...(333)
 <223> similar to gi4884077 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8630

cgtcgaccga	aggactctcc	gtttgatgca	gacacaattg	taatggagat	gtaaaacttc	60
ttagcaatca	gatggataaa	ttgtttgctt	ttcattttatt	cacatttcat	ggattgttac	120
acttcctcga	tgggagcatt	caaaaactaa	tacaagctga	gattatattg	tctgacaatt	180
caagtatttt	agttttagaa	aacaatttcc	tattttaaagt	aaaaagcaaa	caatttatcc	240
atctgattgc	taagaagttt	tacatctcca	ttacaattgt	gtctgcatca	aacggagagt	300
ccttcgtcct	cagtatgatt	gttactggct	gagaacatac	ggtgacctgt	gttctgagtg	360
cctgcttgga	aaagacctcc	ctgtcatctg	ccatactacg	ggacaaatca	gtatctactc	420
aaattcccac	ttccagaatg	agaggactca	tcaggggttt	aggagtgttc	aaagccttca	480
aaatgtatcg	tgcttgaatt	ttgactcttc	tgaaatagaa	taactgacaa	atgctcaaaa	540
aacaaacttg	tttaactttt	actgaaaagg	ctctcagtga	aaacttggtt	tgaactctac	600
tagtaaggta	gaatattagt	ttttcttccc	ctccacacca	gaaaaggcag	ttttctcttt	660
tttttttttc	tggcatgcag	catatataaa	atgtgatcta	gaattgaaat	tgtaaaacag	720
aataatcctc	ttaaagaaaa	tcagcctatg	aacagtcaga	cttgtccttc	catggaaaac	780
ataatctaaa	cttcttttaa	aactggccat	attttttcag	tctgtaattc	cgaataatga	840
agatgggcat	aacaaatttt	tttgcttact	agggaatgcg	caaaagggat	gagatgggat	900
acacagggtt	taaaaaaaaa	a				921

<210> 8631
 <211> 1325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (406)...(813)
 <223> similar to gi5932558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8631

aggcgccgga	gccagcgggc	tggcgccaga	tccaggctcc	tggaagaacc	atgtccggca	60
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gctactggtc	atgccaggca	cacactgctg	cccaagagga	gctgctgttt	gaattatctg	120
tgaatgttgg	gaagaggaat	gccagagctg	ccggctgaaa	attacccaac	caagagaaat	180
gtaggctggg	taccttgaat	cacccctgc	aggatggact	ttctggctct	cttcttgctc	240
tacctggctt	cggctgctgat	gggtcttggt	cttatctgcg	tctgctcgaa	aacccatagc	300
ttgaaaggcc	tggccagggg	aggagcacag	atattttcct	gtataattcc	agaatgtctt	360
cagagagcca	tgcattggatt	gcttcattac	cttttccata	cgagaaacca	caccttcatt	420
gtcctgcacc	tggctcttgca	agggatgggt	tatactgagt	acacctggga	agtatttggt	480
tactgtcagg	agctggagtt	gtccttgcatt	taccttcttc	tgccttatct	gctgctaggt	540
gtaaacctgt	tttttttcac	cctgacttgt	ggaaccaatc	ctggcattat	aacaaaagca	600
aatgaattat	tatttcttca	tgtttatgaa	tttgatgaag	tgatgtttcc	aaagaacgtg	660
aggtgctcta	cttggtgattt	aaggaaacca	gctcgatcca	agcactgcag	tgtgtgtaac	720
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ttcctgactt	ttccacggat	tgtcttcatt	ctgggctttg	tcgtggttct	gagcttcctc	1020
ctgggtggct	acctgttggt	tgtcctgtat	ctggcgccca	ccaaccagac	tactaacgag	1080
tggtagagag	gtgactgggc	ctgggtgccg	cgttgctccc	ttgtggcctg	gcctccgtca	1140
gcagagcccc	aagtcaccgg	gaacattcac	tcccatgggc	ttcggagcaa	ccttcaagag	1200
atctttctac	ctgcctttcc	atgtcatgag	aggaagaaac	aagaatgaca	agtgtatgac	1260
tgcctttgag	ctgtagttcc	cgtttattta	cacatgtgga	tcctcgtttt	ccaagaaaaa	1320
aaaaa						1325

<210> 8632

<211> 2676

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1217)...(1718)

<223> similar to gil360492 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8632

tttcgttgca	gcgaaaggaa	atctcgctct	tccgaaagtc	ctccagggcg	agagaggaaa	60
gggcctaggt	actgtgctgg	ggtcgcacag	ccggccgaga	cagtgcgggg	acggggagcc	120
aggcttccga	gtgcgcccgg	tactgactc	ctccgcgctt	tcctcgctgc	cctgcagccc	180
ttggttcttg	gaaacgccgg	cgccttgctc	agggctgggtg	gggctggggc	gcaaggtgca	240
gctgacaatg	cccagagagga	gccgcagcct	ctgggtggagt	tcggctgggt	gtgggggtag	300
tcaaggaaag	aagcaaagg	aatacctcct	ctgaaaaatg	gcagaagcag	ttttccatgc	360
cccaaagagg	aaaagaagag	tgtatgagac	ttacgagtct	ccattgcca	tccttttggt	420
tcaggaccat	ggtcctctga	aagaattcaa	gatattccgt	gctgaaatga	ttaacaacaa	480
tgtgattgtg	aggaatgcgg	aggacattga	gcagctctat	gggaaagggt	atcttgga	540
aggtattctt	tcaagaagcc	gtccaagctt	cacaatttca	gacccctaac	tgggtgctaa	600
atggaaagat	atgaagacaa	acatgcctat	catcacatca	aagaggtatc	agcatagtgt	660
tgagtgggca	gcagagctga	tgcgtagaca	ggggcaggat	gagagtacag	tgccgcagaat	720
cctcaaggat	tacacgaaac	cgtttgagca	tcctcctgtg	aaaagggaatg	aagaggctca	780
agtgcattgac	aagcttaact	ctggaatggt	ttccaacatg	gaaggcacag	caggggggaga	840
gagaccttct	gtggtaaaccg	gggactctgg	aaagtcaggt	ggtgtgggtg	atccccgtga	900


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gccattaggc tgcctgcagg agggctctgg ctgccaccca acaacagaga gctttgagaa 960
aagcgtgcga gaggatgcct cacctctgcc ccatgtctgt tgctgcaaac aagatgctct 1020
catcctccag cgtggccttc atcatgaaga cggcagccag cacatcggcc tcctgcatcc 1080
tggggacaga gggcctgacc atgagtacgt gctggctcag gaagcggagt gtgccatgag 1140
cgagagggag gctgccccaa atgaggaatt ggtgcaaaga aacagggttaa tatgcagaag 1200
aaatccatat aggatctttg agtatttgca actcagccta gaagaggcct ttttcttggg 1260
ctatgctctg ggatgtttta gtatttacta tgagaaggag cctttaacga tagtgaagct 1320
ctggaaagct ttcactgtag ttcagcccac gttcagaacc acctacatgg cctaccatta 1380
ctttcgaagc aagggctggg tgcccaaagt gggactcaag tacgggacag atttactgct 1440
atatcggaag ggcctccat tttaccatgc aagttattct gtcattatcg agctagttag 1500
tgaccatttt gaaggtctct tccgcaggcc tctcagttgg aagtccttgg ctgccttgag 1560
cagagtttcc gttaatgtct ctaaggaact tatgctgtgc tatttgatta aacctctac 1620
tatgactgac aaggaaatgg agtcgccaga atgtatgaaa aggattaaag ttcaggaggt 1680
gattctgagt cgatgggttt cttcacgaga gaggagtgc caagacgatc ttaacaatt 1740
caacctcaaa tttctaattt caccaacaac tatttattga gggctaggta aaaagttctt 1800
tttggtgtaa tcgtccatta attcataagt tttaaagggc atggtgctcc cagcaccaga 1860
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gcgtcagctt tttccctcat ccactcactg gggagattgg actagatgag tcttgagagg 2040
acacttccaa caagagacat ttattctctg attttacctg aaaatggtag tagtttacat 2100
ttatacagta cagtttatga agcactttca tacgcaggca tctcttggtt cctacatcta 2160
agctgttccc gaaagagtgt tacagaacac aacagtattg tacaatattc gataagcata 2220
tcttcactgc acttggtata aaaatgagtg gtgaaataat gtttgagagc ataatgaaag 2280
cgattaacat ttggcaaaat ataataaagc ctttttgtaa ttggtgagaa agtcatgaag 2340
acttaagttg cctcagggca tctggtggca agaggaggga gatgggtggc tgggcatggt 2400
ggcccatgcc tgtaatccca gcacttggga ggccttggga ggccaaggcg catggatcgc 2460
ttgagcccag gagttggaga ccagcttggg caacatggtg aaacctcctc tctactaaca 2520
aaaattatcc aagcattgtg gcacatgcct gtaattccag ctgctcagga gactgaggta 2580
ggaggatcgc ttgagcccag gaggaagagg ttgcagtgcg cggagattgt gccactgcaa 2640
tccagcctga gcaatagagc aaggtcctgt ctcaaa 2676

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<210> 8633

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1331)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (73)...(848)

<223> similar to gi5670007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8633

```

ccgagcggcg gagtcggga cgtggagacc cgggggtccc gcagccgggc ggcccgcggg 60
cccagggtgg tgatgcaccg ccgcgggggt ggagctggcg ccatcgccaa gaagaaactt 120

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gcagaggcca	agtataagga	gcgagggacg	gtcttggtg	aggaccagct	agcccagatg	180
tcaaagcagt	tggacatggt	caagaccaac	ctggaggaat	ttgccagcaa	acacaagcag	240
gagatccgga	agaatcctga	gttccgtgtg	cagttccagg	acatgtgtgc	aaccattggc	300
gtggatccgc	tggcctctgg	aaaaggattt	tggctctgaga	tgctgggctg	gggggacttc	360
tattacgaac	taggtgtcca	aattatcgaa	gtgtgcctgg	cgctgaagca	tcggaatgga	420
ggtctgataa	ctttggagga	actacatcaa	caggtgttga	agggaaaggg	caagttcgcc	480
caggatgtca	gtcaagatga	cctgatcaga	gccatcaaga	aactaaaggc	acttggcact	540
ggcttcggca	tcatccctgt	gggcggcact	tacctcattc	agtctgttcc	agctgagctc	600
aatatggatc	acaccgtggt	gctgcagctg	gcagagaaga	atggctacgt	gactgtcagt	660
gagatcaaag	ccagtcttaa	atgggagacc	gagcgagcgc	ggcaagtgtc	ggaacacctg	720
ctgaaggaag	ggttggcgtg	gctggactta	caggccccag	gggaggccca	ctactggctg	780
ccagctctct	tactgacct	ctactcccag	gagattacag	ctgaggaggc	cagagaagcc	840
ctcccctgac	tgcatgtgga	agggcacaca	gcagcaggca	gggaggaggc	ggaggtggca	900
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gggcctgtaa	gtccagccac	gccaaccctt	cctttagcag	gtgttcacg	acttgccgag	1020
ctcgtctggg	ctcccattta	agactggctt	tgatctcact	gacagtcacg	tagccattct	1080
tctctgccag	ctgcagcacc	acggtgtgat	ccatatttga	gctcagctgg	gaacagactc	1140
attcctaatt	ttgtaaaata	cagcccgaac	tgcaagtgtg	ttattgtttc	aaaatccagt	1200
ggatatcttg	acctacgtgg	cttggagatg	aagtggtttt	cccaaaaacc	gtgttattgg	1260
aagcggttgc	aatctggatt	cagccgattc	cgttacctan	tgggggaaaa	gctgggagtc	1320
anccattaag						1330

<210> 8634

<211> 2193

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (173)...(1130)

<223> similar to gi5725223 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8634

cctagttag	gctaacagtc	agtatccagc	ctcaacattc	agcagaggcc	ccagatcagc	60
gtctgagcca	ggccaacaat	gaccaaggag	gatgggatcc	tgggtgcagc	tcatcacaag	120
cgctggggtg	cagcaaaacc	atccaggctg	gacagtggct	ggacagttcc	aagaaaagaa	180
acgcttctact	gaagaagtca	ttgaatactt	ccagaagaaa	gttagcccag	tgcatctgaa	240
aatcctgctg	actagcgatg	aagcctggaa	gagattcgtg	cgtgtggctg	aattgcccag	300
ggaagaagca	gatgctctct	atgaagctct	gaagaatctt	acaccatatg	tggctattga	360
ggacaaagac	atgcagcaaa	agaacagca	gtttagggag	tggtttttga	aagagtttcc	420
tcaaatacaga	tggaaagattc	aggagtccat	agaaaggctt	cgtgtcattg	caaataagat	480
tgaaaaggctc	cacagaggct	gcgtcatcgc	caatgtggtg	tctggctcca	ctggcatcct	540
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agctggggta	gggctgggaa	tagcatctgc	cacggctggg	atcgctcca	gcacgtgga	660
gaacacatac	acaaggtcag	cagaactcac	agccagcagg	ctgactgcaa	ccagcactga	720
ccaattggag	gcatttaagg	acattctgca	tgacatcaca	cccaatgtgc	tttcctttgc	780
acttgatttt	gacgaagcca	caaaaatgat	tgcaaatgat	gtccatacac	tcaggagatc	840
taaagccact	gttggacgcc	ctttgattgc	ttggcgatat	gtacctataa	atgttgttga	900
gacactgaga	acacgtgggg	ccccaccgcg	gatagtgaga	aaagtagccc	ggaacctggg	960

caagggccact	tcaggtgtcc	tcgttgtgct	ggatgtagtc	aaccttgtgc	aagactcact	1020
ggacttgcac	aagggggaaa	aatccgagtc	tgtgtagttg	ctgaggcagt	gggctcagga	1080
gctggaggag	aatctcaatg	agctcaccca	tatccatcag	agtctaaaag	caggctaggg	1140
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gaacgtggat	tgtgaagatt	tcatggacat	ttattagtcc	cccaaattaa	tacttttata	1260
atctcctatg	cctgtcttta	ccgcaatctc	taaacacaaa	ttgtgaagat	ttcatggaca	1320
cttatcactt	ccccaatcaa	tacccttgtg	atctcttatg	cctgtcttta	ctttaatctc	1380
ctaatacctg	cagctgagga	ggatgtatgt	cacctcagga	ccatgtgata	attgcgttaa	1440
ctgcacaaat	tgtagagcat	gtgtgtttga	acaatatgaa	atctgggcac	cttgaaaaaa	1500
gaacaggata	acagcaattg	ttcaggggaat	aagagagata	accttaaaact	ctgaccaaca	1560
gtgagccggg	tggaaacagag	tcatatttct	cttctttcaa	aagcaaatgg	gagaaatatc	1620
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ggtctataaa	tggcctcctt	gggtgtggcc	atcttctatg	gtcggagact	gtagggatga	1740
aataaaacccc	agtctcccat	agtgtctcca	ggcttattag	aaagagggaa	attcccgcct	1800
aataaaatttt	ggtcagaccc	ggttgtctct	aaaaccctgt	ctcctgataa	gatgttatca	1860
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ctgtgatctc	gccctgccgt	ccacttgcc	tgtgatattc	tattaccttg	tgaagtaggt	1980
gatctttgtg	accacacccc	acaccctatt	catacactcc	ctcccccttt	gaaagtccct	2040
aataaaaaact	tgtgtgtttt	tgtggcttgt	gaggcatcac	ggatcctacc	aatgtgtgat	2100
gtctcccccg	gacgcccagc	tttaaaattt	ctctcttttg	tactctgtcc	ttctatttct	2160
caaaccggcc	aacacttagg	gaaaatagaa	aag			2193

<210> 8635

<211> 1115

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (666)...(800)

<223> similar to gi2062680 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8635

gaggttttaac	ttcagcctag	tgcacggaag	acatggtaaa	tggtcacgc	ttctcccttg	60
aatggaccga	gggccccga	ctcccatagc	actaccccat	aaagtctagg	ctcccgactt	120
cggcattcaa	ggccttcagt	gataaatcca	ggcccacccat	ccgtccccac	accacctttc	180
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ctccgaaatg	cttgccgect	ttcctttcca	tttattgacg	cccttgtgtt	ctctctgagc	300
agcccttccc	tgtgtcccta	gctggagtcc	ctcactccct	cctcagtgtc	ctgaagcttc	360
ttgttagagc	tgtgtcagcc	actgcgtgtg	tctgacagca	agtctgcagc	ctctgcctcc	420
cttgccgggac	tgcaggtgac	ttgaaggcac	agcctgggtc	ccaggaggct	ggctttctgtg	480
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ccactctata	cttgtgtctg	cagaacagcc	tgtctggaca	cagctcgggtg	gaagatgcga	720
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ctatatatttc	tctacgccaa	aaaaaaaaaa	agggggggggc	cgttttaaag	aaccaatttt	960

tacgccccggg	ggggggggaag	gtaaaatttt	ttttttgggg	ccccaaaatt	aaattccggg	1020
ggccggggttt	taaaaacggg	ggggggggaa	aaaccggggg	gttaccctaaa	ttaaagggtt	1080
tggaaaaaaa	cccctttttg	gcaggggggg	gaaaa			1115

<210> 8636
 <211> 4114
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3677)...(3328)
 <223> similar to gi4884355 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8636						
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attgtaaaga	gtgagtactt	gcagtattca	ctaaccaaga	ttaagcagag	acacattttac	180
ctggagcgcc	tgggacggta	ccaaacccct	gataagaagg	ggcagacaca	gatccctaac	240
ccattgctca	aggacattct	cagagtttca	gaagctgagt	ttttggccag	gacagcctgt	300
acttctgttg	aggagtttca	agtttttaag	aagctcctgg	ctcgggagga	ggaggagtct	360
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ctttacttga	atcttctcaa	gttatttttt	attctaaaac	tggctctctg	atgaaaaaaa	660
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gaatcactat	gtatttcctt	cttgtgataa	aaataaaatt	acgagaaggc	aatgtgaggt	960
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tgccagactg	tgctggcctg	gagagtgcct	gggcaggtgg	aggccaggga	atggtcccat	1320
acagttatct	cccctgccct	ggttacagac	agcttcgaga	accagaggag	aagagcatag	1380
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aaggctgaag	cctaggtgat	ctcatagaac	aggggttcacc	aaataaggcc	catgggccaa	4080
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<210> 8637

<211> 3661

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (899)...(2106)

<223> similar to gil072250 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8637

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ctgccctgcc	cgggatttca	ttccgcgggcg	ggggctccgc	gagcgggaatt	ccggcgggctg	180
ccgtgactcc	agtgcacgt	gacgacagca	tgtacgatcc	ctgaatgggc	ccgtgggcat	240
athtagtcat	tcatTTTTga	tcaggagaaa	gaagacagcc	atcatttgaa	aggtaaagct	300
tcagcgactg	aaggagtgtg	gactTTTTga	atttcaagaa	cagtaaagtt	ggaacacagc	360
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gataaatgca	aaacagtggc	tgttgcaggt	gatggaactg	tactggaaca	atggggagaag	600
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gtcacccaag	aagggtggcag	actggctgtc	ggagaatgct	atgccagaat	actgtgagcc	960
tctggagcat	ttcacaggcc	aggacttgat	caacctaacc	caagaggatt	tcaaaaaacc	1020
ccccttgtgc	cgagtctcct	ctgacaacgg	gcagcggtc	ctggacatga	tagaaaccct	1080
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caagtctatt	attagcagaa	gatttttctg	catagtgtgc	acgctgtacc	tgtatcgggtg	1560
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tactggatt	tgctggcttc	tcagcgtagt	tggaatcttc	tgtattctct	tagcgcatga	1860
ccactacact	gtggacgtgg	tggtggcata	ttacatcacc	acgagactct	tctggtggta	1920
tcacactatg	gccaatcagc	aagtgtctaa	ggaagcttcc	cagatgaacc	tcctggccag	1980
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agagttttga	aatgatcac	ttacctaaaa	cttgaaagct	atgaattagt	tatccatact	3240
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t						3661

<210> 8638
 <211> 2363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (713)...(1540)
 <223> similar to gi4126978 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8638						
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gatggcgTTa	tatttctctt	ggacagcagt	ggtctgaaag	atgacaaaaa	tcacgatacg	180
tttgaatcac	gccatgtctt	tagggaaaaa	aagaaagaag	agtttccttt	cgtatcgctt	240
aggggttctt	cgcaagaacc	atctgacaga	gaaaagccct	ggctcccgcc	ccagtggctt	300
ctaattctgg	tccccgcgcc	cagaaagccg	ggaacgggca	agcctggaaa	ggcgttttga	360
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gaaccaggcg	cgcaaaacct	cagcccctag	gctccatttc	caggttcgcg	ggtgacctcc	540
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cgactcaatg	gtgagcaatg	attggttcac	acggcgcaag	ctgggcggaa	cgggaagatg	660
gtgtgagcca	cgggctgcgc	ggggcctggg	gctcggcgct	ggtccccggg	ggatgtggag	720
agctggcagc	atgtcggccg	agctgggagt	cgggtgcgca	ttgcgggcgg	tgaacgagcg	780
cgtgcagcag	gctgtggcgc	ggcggccgcg	ggatctccca	gccatccagc	cccggctagt	840
ggcggtcagc	aaaaccaaac	ctgcagacat	ggtgatcgag	gcctatggac	atgggcagcg	900
cacttttggc	gagaactacg	ttcaggaact	gctagaaaaa	gcatcaaate	ccaaaattct	960
gtctttgtgt	cctgagatca	aatggcactt	cattggccac	ctacagaaac	aaaatgtcaa	1020
caaattgatg	gctgtcccca	atctcttcat	gctggaaaca	gtggattctg	tgaagtgggc	1080
agacaaagtg	aacagttcct	ggcagagaaa	aggttctcct	gaaagggtta	aggttatggg	1140
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ttccttatgg	ttaacatctc	cctacaaact	cctactacgt	cgtctaaatt	gctgctctgg	1980
aataaggtga	tttctgcccc	cagattcttc	cctagccggt	agatacgtga	agatattccc	2040

aactgtggaa	tggcagtgtg	ggtagcttca	ggaaatggct	caggttaatt	ctcaaaacac	2100
aaattgttgc	tggccaggca	tggtagactca	tgctgtaat	cccagcaatt	tgggagacag	2160
aggcggaagg	atcacctgag	cctaggagtt	caagaccagc	ctcagcaaca	gcaggagccc	2220
cacccccctg	ctctacaaaa	aaatttaaaa	attaactggg	catggtggct	gaggtggaag	2280
aatggaagaa	tcacttgagc	ccaggagttt	gaggctgcag	tgagctatga	ttgcaccact	2340
gtactcctgc	cttaaaaaaa	aaa				2363

<210> 8639
 <211> 1452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(831)
 <223> similar to gil913785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8639						
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ttttgtcttg	tggccggatt	ttgtctactgc	ttgtctcttc	tactttaatt	atttctgtga	180
ctacctcatg	gcttaactca	tttaaatctc	cccaagttta	tctgaaggaa	gaagaagaaa	240
agaatgagaa	aagacaaaaa	cttgtgagaa	aaaaacaaca	agaagcacia	ggagagaagg	300
ccagcagata	catagagaat	gttttaaaac	ctcaccagga	aatgaaaattg	agaaaaactgg	360
aggagcgctt	ttatcaaatg	acgggtgaag	cctggaaaatt	aagcagtggg	cacaaacttg	420
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gccagaactt	gcctaaacct	ttaactgaat	ttccgtctcc	tgctgaacag	cccacatgca	540
aggagattcc	tgatttacct	gaagaacctt	ctcaaacagc	agaagaagta	gttactgttg	600
ctctccgatg	tcccagtggt	aatgtcctga	ggagaagggt	tttgaagtcc	tacagctcac	660
aggtcttatt	tgactggatg	acgagaattg	ggtaccacat	atctctatac	agcctttcta	720
cttcctttcc	cagacggcct	ctggcagtg	agggaggcca	gtcgctggag	gacataggaa	780
taactgtgga	cactgtactc	atcctggagg	agaaggagca	gaccaactag	gaaagaaggg	840
agagctccct	gtttgcatga	agtcagttaa	gctatgacct	tctggcacia	taaaggcttc	900
actttcaaat	cacaccatac	cttgattgag	ctcatggcag	taaaactttga	acattgatata	960
ccatgggaat	aggattagaa	aaggattgct	ttctatatac	aataatctgt	ggactgtgcc	1020
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taattggtat	tttttcccag	ctgacatgat	ttctcagtg	tagaaaacaa	acccttagaa	1140
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aaagtcttat	acgcaggaat	gtttattctg	ctgtatttct	gtggaaatta	aaaacttgga	1260
aaaagcttca	aaagctcttg	gaggctttaa	agttctttct	gttgggtgtg	cattacagtt	1320
tacttaactg	atgtttggcg	atttatataa	ttttggcctg	ttattaaatg	ttacaaagtt	1380
ccaaatgaat	cagtatttta	aaaaataaaa	ctatgaaagc	cttaaaaaat	aggtgaattt	1440
ttaaaaaaa	aa					1452

<210> 8640


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<211> 1316
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(856)
<223> similar to gil244515 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8640
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caaacaccag agcaccctag aagggtttaac taaaagaatg ctcatgtttg acccagttcc      180
tgtcaagcaa gaggccatgg accctgtctc agtgtcatac ccatctaatt acatggaatc      240
catgaagcct aacaagtatg gggctcatcta ctccacacca ttgcctgaga agttctttca      300
gacccagaaa ggtctgtcgc acggaataca gatggagcca gtggacctca cggatgaacaa      360
gcggagttca ccccttcgg ctgggaattc gccctcctct ctgaagttcc cgtcctcaca      420
ccggagagcc tcgctgggt tgagcatgcc ttcttccagc ccaccgataa aaaaatactc      480
accccttct ccaggcgtgc agcccttcgg cgtgccgctg tccatgccac cagtgatggc      540
agctgccctc tcgcgcatg gaatacggag cccggggatc ctgcccgtca tccagccggt      600
ggtggtgcag cccgtcccct ttatgtacac aagtcacctc cagcagcctc tcatggtctc      660
cttatcgag gagatggaaa attccagtag tagcatgcaa gtacctgtaa ttgaatcata      720
tgagaagcct atatcacaga aaaaaattaa aatagaacct gggatcgaac cacagaggac      780
agattattat cctgaagaaa tgtcaccccc cttaatgaac tcagtgtccc ccccgcaagc      840
attgttgcaa gagtaagtat atttaggtct acccagcatt tgcatagtag tgtgcatctt      900
ggaacctgga gcagaagcac aagatttcac acgtgtgatg tgggtgtggat gaccaggaac      960
ggcttgat ctgtggccgc cactggtcca gtaccactgg tcaagatggg agaattctctc     1020
caaaaacaat atgctgttac actgacaacg ttatgacaaa agttacatca agttttcatg     1080
gaatcagtc tccatgattt tgcaccttac cacatgaatt atttttgttt tttttccatt     1140
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gtgttctgtg gatcatgtaa agttttcatg tggacacaca tagtccttac agagtgtata     1260
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<210> 8641
<211> 1806
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (150)...(1230)
<223> similar to gi2104968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8641
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gcctcctggc	tggctctgctg	ccggcgctgg	ccgcctgccc	ccagaactgc	cactgccaca	240
gcgacctgca	gcacgtcatc	tgcgacaagg	tggggctgca	gaagatcccc	aagggtgtcag	300
agaagaccaa	gctgctcaac	ctacagcgca	acaacttccc	ggtgctgggt	gccaatctcg	360
tccggggccat	gccgaacctc	gtgtcattgc	acctgcagca	ctgccagatc	cgcgaggtgg	420
ccgcccgggtg	cttccgcggc	ctcaagcaac	ttatctactt	gtacctgtcc	cataacgaca	480
tccgcgtcgt	gcgtgcgggt	gccttctacg	acctgaccga	gctgacctac	ctctacctgg	540
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aacacgtcca	tttgaggagac	aaccgcttga	accagctacc	ctccaacttc	cccttcgaca	1020
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cacagccttt	gttgatgcac	agagctgcct	acacctagac	acgtcctggc	agggggcctc	1380
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cagcccccac	ctgccaggac	gttctagcag	gacatcggtg	ctttgctgtc	catcttccca	1740
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aaaaaa						1806

<210> 8642

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2037)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1825)...(566)

<223> similar to gi2431772 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8642

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tattattaga	aaagtgctgc	cagaaacatc	cttgccatgc	ttctgtatgt	actggtgcta	180
gtgttttctat	cagataaatt	tttagacatg	aagtgaatta	ctaggcatag	gaaatataat	240
ttacactttt	gatagatact	gagtttttgc	tcatttgcta	catgaagcag	aggcagagta	300
ttctgtgtgg	ggtttgggac	aggaacactg	acccctgaag	tcgagcctgg	gggtctaaca	360
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tcctgcaaga	taaatgtata	tcccacctat	actggtaaca	ggtaagttat	gcgcaaagat	480
gaaaagacaa	agccctagct	agatcagctc	ttgctctcag	cactacaatg	gccagcggtg	540
attcctttcag	ttaaaatgac	aattaataca	gtttcattga	agcttcaaac	agagcagcca	600
gacccctctc	tgactgggga	caggggtgcaa	gcttgggtgac	cctttcctgg	ggcagcggtc	660
ctttcactag	tgcggggata	tcagctttgg	agtaaccaac	agctgctagg	ccatcatcaa	720
catccagatc	gaataagaat	ttccggagcg	tgtctgccaa	caccagccct	gcactctgga	780
tcctggcagt	gcgggtgtcg	gctcccagta	tttctgccat	ctccaggtgt	cgctctggaa	840
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ttgggttaaga	cattccatgg	cacagatgaa	caccagcatt	tccaaagccg	atgccagcaa	1020
aagcacttgc	caagtgcata	tgagaccttg	cttcaagatc	atcgggattt	ctgacagccc	1080
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ctcaataaag	gcagcggcca	ggtccttctg	agtcccggta	taattgccta	gaacttaaca	1920
tttagaattc	ccactccttg	gtttacagcc	gggtccgaaa	aatagaaaact	cttccttcc	1980
cgctgcattn	nnnnatcgtc	gncccggcgg	ttccgttcc	caaacgncag	tagtat	2036

<210> 8643

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(524)

<223> similar to gil330317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8643

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tgtcaaacct	ccacagtta	cctgggctca	ggggtttgac	gtccatcagt	aggaaccagc	180
tccaatgcac	caatgcaatg	cgggtaatta	acaattatca	acggcgatgg	aaaaaccaa	240
atacttttct	tcttgcaact	tttgctaatt	tagttaatgt	ttgtggtaac	ccaactataa	300

cctgccctca	taacagaact	ctcaacaatt	gtcatcatag	tggagtccag	gtgcctttaa	360
tgtactgtaa	cctcacaact	ccaagtcac	agaatatttc	aaactgcagg	tatgcgcaga	420
caccagcaaa	catgttctat	atagttgcat	gtgacaacag	ggatcaacga	cgggaccctc	480
cacagtatcc	agtggttcca	gttcacctgc	ataccatcat	c		521

<210> 8644

<211> 4493

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4417)...(845)

<223> similar to gi5924408 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8644

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tttaaacaaa	caacaaat	cgataccaac	ttcttgggct	tcaagctatt	gagcacttat	180
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agacaaatgc	cttgaaaaga	tgacacagtg	cagggaac	tacagctatt	aagctgggat	300
aaaaacttag	tcaaaatg	ttagtccatt	atggctctgc	ctaaagcttc	aaaggaagaa	360
aatttaagac	acttctcatc	caaggcactt	aaaagagttg	caataaagta	cttctttgaa	420
tttagtttga	gcccaacagt	attttttatt	cctttttcac	attctgactc	acactgaaac	480
agtccttgaa	ggcagctatt	aatgaggaaa	aatagttatt	gcttcttaat	atacatatta	540
caagtacgca	aacagaatac	agatttcggt	ccactgaagc	aagtaacagg	atctgactgc	600
agtgttctgc	ttaattctga	acaaaaagcc	acagactcct	ctaaccag	cccacaaata	660
gagccctcag	ttctgaattt	gcaccagctg	tcccctgggt	tctccatgag	gacacacgag	720
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acgttgggtc	taacctttgt	ctcatggtgt	tgacaccttg	tctggagtct	ggcgtgaaag	1980

aaatcacaat	tgagaaccac	tgggtgtaat	tcaacaggtc	cacagctttc	ggagtccacat	2040
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ggggtggaaa	cccgcgggtct	cctcgcaccg	gcatttcgga	cacaggctccc	gcgtaggcgc	4440
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<210> 8645

<211> 1854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1855)

<223> n = a,t,c or g

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<220>
<221> misc_feature
<222> (781)...(1654)
<223> similar to gi2852630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8645
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catggagaaa ccctgtctct actaaaaaca caaaattagc cgggcgtagt ggcacatgcc      180
tgtaatccca gctacttggg aggctgaggc aggagaattg cttgaaccgc ggaggcagag      240
gttgctgtga gctgagattg cgccactgca ctccagcttg ggcaacgaga gcaaaactcc      300
atctctaaaa aaaaaacaaa tgacattcct taagggccag ggacctttat tgtttagtcc      360
caacatattt ggggatttgg gggcgatagc cctactttga attgaaaaca atttgagggt      420
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aggcaccatt tggcctcctc cccagctctg tgatgtgctg cttctctaga ctgcaggcac      540
cacctgtgtg aaccggacat gaaactgggt tggcctagtg ccaagctgtt gcaggcagct      600
gcaggtgcat ctgcccgggc ctgtgactct gtcaccagca atgtactgcc tttactgctg      660
gaacagttcc acaagcacag tcagagcagc cagcggcgga caatccttga aatgctcctg      720
ggtttcttga agctgcagca gaaatggagc tatgaagaca aagatcaaag gcctctgaat      780
ggcttcaagg accagctgtg ctactggta ttcattggctc taacagaccc cagcacccag      840
cttcagcttg ttggcatccg tacactgaca gtcttgggtg cccagccaga tctcctatct      900
tatgaggact tggagctggc agtgggtcac ctgtacagac tgagcttcct gaaggaggat      960
tcccagagtt gcagggtggc agcactggaa gcatcaggaa ccctggctgc tctctaccct     1020
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aatttgacta acggagatga gcccaccaa tgctcccggc atctgtgctg tctgcaagcc     1140
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catctctggc aagtgaacag agggaatatg gttgcacaat ccagtgcgtt tattgctgtc     1260
tgtcagagcc tcagacagat ggcagaaaaa tgtcagcagg accctgagag ttgctggtat     1320
ttccaccaga cagctatacc ttgcttgcct gccttggctg tgcaggcctc tatgccagag     1380
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tctgtcattg gcactgttac aaccacactg agccctgagt tagctgcca gagtgtgaca     1500
cacattgtgc cctctctctt ggatggcaac gtgtcctttc tgccctgaaa cagcttcccg     1560
agcagattcc agccattcca ggatggctcc tcagggcaga ggcggctgat tgcactgctt     1620
atggcctttg tctgtctcct gcctcgaaat gtaagtgagc acatttgga agtactgtta     1680
tttaaccttg acaaggtgac tccgggctga aatttgccac aggctaagct gatcttttac     1740
ttccccacc agagaagtta gttctcatcc gtcccggctc ctgctgccac tatgtactgg     1800
ttctcttggg gttcaagtcg gacgcgtggg tcgacgtnaa ttccggagag ggac      1854

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<210> 8646
<211> 6026
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (5679)...(4435)
<223> similar to gi3882249 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8646

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tgtacagagg	ctcacaggac	acctgcatgc	ccaaggcact	ccaccgtatg	tgatcaacct	180
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ggacacatcg	agaagtacca	acccagtgc	cttcatgtcc	aacatgctct	atgcctgcag	540
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caacaaacat	ttatcaaagt	ccaggcattc	tgtgtcgtgc	aaagactgat	aatgtgagat	5760
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aggtaccaca	ctattcactg	ctgcgtcgca	gagcgggctg	ggcggtgtgc	tggacctcga	6000
gaggcctgag	gcaaggatcg	cgtcag				6026

<210> 8647

<211> 1735

<212> DNA

<213> Homo sapiens


```

<220>
<221> misc_feature
<222> (207)...(1543)
<223> similar to gi4883433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8647
cagccagggtc ggccgcccc accagggtcca gttccagagc ccaggccggt cggccggggcc 60
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gcccctcggg caacggccgc cgccgccaca gccacacagc cgccgccact gcgtccgtcc 180
ccggtgagcg ccgctgacgc gcggagatga aattcccggc ctcggtgctg gcgtccgtgt 240
tcctgttcgt ggccgagaca acggcggcgc tcagcctgag cagcacctac cgctcgggcg 300
gggaccgcat gtggcaggcg ctgacgttgc tttctcgcct actgccttgc gcgctcgtgc 360
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tgcacctgct gcaacttggg ccccttttca ggtgttttga agtcttctgc atctactttc 480
agtcaggcaa caatgaagag ccttatgtca gtatcaccaa gaagaggcaa atgccaaaaa 540
atggcctctc agaggagatt gagaaggagg tgggccaggc agaaggcaaa ctaatcacc 600
accgatcagc gttcagccgg gcgtcgggtga tccaggcttt cttgggctca gccccccagc 660
tgaccttaca gctgtacata agtgtcatgc agcaggacgt cactgttgga agaagtctcc 720
tcatgaccat atccctgttg tccattgtgt atggagcctt gcgctgcaac atcctagcca 780
tcaaaatcaa gtacgatgag tatgaagtca aagtgaagcc tctggcctat gtctgtatct 840
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tcagggtgtt ttgctgggcc tgcaggcagc aaaaaccctg tgagccgata ggaaagggaag 1440
atctacagtc atccagagat agagatgaga caccttctag cagtaaaaca agtcctgagc 1500
ctggtcagtt cttgaatgct gaagatctct gctctgctta atgggaccca aggtctcaga 1560
gcacaggcat attattttct gggtttgata ctcgttattc atacaaataa tgagccctac 1620
acaggggaaca aggcaggaag ttagctgtta actcctgtg agctgcttct ctttatagag 1680
ctcttgggta tgtagaactg tatgggaaga agccaggaaa acctctgagt gttgg 1735

```

```

<210> 8648
<211> 2547
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (124)...(1744)
<223> similar to gi487785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8648

acttgggtttc	gcttcgctag	tcccagaggc	ccagagtggc	tgccttggag	tctctgtggc	60
gcggttttcc	gtacctgcct	tgggatccgg	agggaggaag	ctgggacacc	cgggagtcag	120
gaaatggact	cgggtggcttt	tgaggatgta	gatgtgaact	tacccagga	ggagtgggct	180
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aaactctgtg	aaagcattgt	atatggagaa	gtcagcatgg	gtcagtcatc	ccttaataga	480
cacatcaaag	atcacagtgg	acatgaacca	aaggaatatc	aggaatatgg	agagaagcca	540
gatacacgta	accagtgttg	gaaacccttc	agttctcacc	actcctttcg	aacacatgag	600
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cgaagacaca	tgataaagca	cactggagat	ggaccttata	aatgtaaggt	atgtgggaaa	900
ccctttcatt	ctctgagttc	atctcaagtg	catgaaagaa	ttcacactgg	agaaaaaccc	960
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ggagaaaaac	cttatgaatg	taaggaatgt	ggggaagcat	tcagttgtat	cccaagtatg	1260
cgaagacaca	tgataaaaaca	tactggagaa	ggaccttata	aatgtaaggt	atgtgggaaa	1320
ccctttcatt	ctctgagttc	atctcgaata	catgaaagaa	ctcacactgg	agagaaacct	1380
tatgtatgta	aacattgtgg	taaagctttc	gtttcttcaa	catcaattcg	aatacatgaa	1440
agaactcata	ctggagagaa	accctatgag	tgtaaagcaat	gtgggaaagc	cttcagttat	1500
ctcaactcct	ttcgaacaca	tgaaatgatt	cacactgggtg	agaaaccctt	tgaatgtaag	1560
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<210> 8649

<211> 1566

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1472)...(1145)
<223> similar to gi165023 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8649
tttttttttt ttgagaaaag ccggcataaa gcacttttat tgcaataata aaacttgaga      60
ctcataaatg gtgctggggg aagggtgcag caacgatttc tcaccaaadc actacacagg      120
acagcaaagg ggtgagaagg ggctgagggg ggaaaagcca ggaaactgag atcagcagag      180
ggagccaagc atcaaaaaaac aggagatgct gaagctgcga tgaccagcat cattttctta      240
agagaacatt caaggatttg tcatgatggc tgggctttca ctgggtgtta agtctacaaa      300
cagcaccttc aattgaaact gtcaattaaa gttcttaaga ttttaggaagt ggtggagctt      360
ggaaagtatt gagattacaa aattcctgaa agtcccttag aaaaaccca ggatgaaaaa      420
aaaaaaaagg cacaagaagg gcttcagagg tccctgctgg ccaggggaca gatacctgta      480
gtgtccagca ttgcagtga catgatctac tttcaaaggc agaggggtta aggggagggg      540
gggtgggaat ggtggaggca aaggctctcc ccatcccccac ctgagtttta ggtaggggctt      600
ttaatttaac ccaaagacat ctctcaactt ggagagtaat tcagtcctca acagcgccctc      660
aaatctgcta tggctttgca gcgcagcagc aagaatgttt aatatataat agataaaaaat      720
ttcatccaaa aaattaaaaat aaaatatctt tgcaaaccac cccccaaca ccaattccta      780
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tatatccaaa agactgaaac tgaatcttca ccccaaaatg aaaacaaaaat aaaatgagta      900
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aggcaccaga tccctccatg gcagatccaa gaacagggag ctaagggagg aggccattcc     1140
tgtcattcca gttttagaag ctccacatcg aagacgagag tggcatgtgg tgggatgatg     1200
cctgggtgcc cagtggcacc ataggcataa tctggagata tagtcagttt ggctctctga     1260
cccacactca tctgggcaac cccttcttcc cagcctcgga tcacctctg cttgcctagc     1320
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ggggagatgg tttccacctg cactcccatg gcggcgcgcg acgctgagcg ggcggcgcg     1500
gcgacggggc gcgtggacca acagcgacct ggcgcgcggt ccacggctct gcctagtacc     1560
tcggcg

```

```

<210> 8650
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (233)...(431)
<223> similar to gi4062215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8650
ttctatggcc agaccgcac atcgtggcgc atgcaaaagg cgtgcactta cccacatag      60

```

tgggggggat	gttgacgaat	gttggccttag	tgcccagggt	tccctctcac	cctaaccctc	120
tccccggtgg	ggcgagggga	ctgaccgagc	gcgttgatag	catttgtagg	ccggataagg	180
cgttcacgcc	gcatccggca	ctctttcagc	aacatggtta	gcggaggcca	agatgtttga	240
ttcactggca	aaagccggaa	aatatttagg	tcaggcggcg	aagctgatga	ttggtatgcc	300
tgattacgac	aactatgtcg	aacatatgcg	ggttaaccat	cccgatcaaa	cgccgatgac	360
ctacgaagag	tttttccgtg	agcggcagga	cgcgcgctac	ggtggaaaag	gcggcgcgcg	420
ctgctgctaa	at					432

<210> 8651

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (191)...(424)

<223> similar to gi639720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8651

ctttgatcac	gggctcgccc	caaccgacca	cgccttcac	ggtttcaatt	ttcaggaaca	60
tccagcgggg	aggtaaagca	tacgtggtaa	ttttggtgat	tttcattgca	ctgcctctcg	120
atacgcccta	acaaatgctg	ctgcctgctg	cgcggtgcgc	tctacggatt	gcccggcgcg	180
atagagatcg	ctgcctaagc	ccgcccctgc	acaacctgcg	tctatccact	gcgccagggt	240
ttctggcgtc	acgccgcca	cggcaaagac	tgcatgtcc	gatggcaata	ccgcttttaa	300
cgctttgatg	tattgcggac	caaaagccga	tgacggaaat	attttcagcg	cctgcgcgcc	360
cgcttcgagc	gcggtaaagg	cttcggtctc	cgtcgcgcag	ccggggcagg	cggcatccc	420
gtagccccc	gcccggc					437

<210> 8652

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (371)...(557)

<223> similar to gi5105951 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8652

agatctggag	gaaaggggcc	ccttctgcc	ggcttccctc	ctgggtcaca	aactcacatc	60
tgcttgact	cccactgctg	tctctctctt	tctctctctc	tccctcttt	ttaactgtcc	120

actaggtttt	atggataact	cctgagagaa	tgtcccagtc	tgcttaccat	cacattgatac	180
ccgcccacca	gcattgaggc	tctgcactgt	ctccccctccc	ttgcctgtcc	aaagccccctt	240
ccacccggga	ccgtcgcccc	tttacactca	gggggtactgg	tccatctatg	ccatgctgag	300
agctgctgcc	atgaaaagac	ccctggatct	cacccccctcc	agcagctacc	tcttctcttt	360
ctagagaaac	cacctagaag	gacttcctac	acacaccagc	cccacctcct	ctttcctggt	420
gtctcttagg	cccaaggccc	accacagtgc	cctttgcccc	ccacagtcac	ccctgccagg	480
gcaccggcgg	ccagcacttg	ctccaccaac	ccttcctcca	gaagagcttt	tttgggaggg	540
atcctggagc	ccgatcctgg	tccccctccc	atcatactaa	cctcctcctg	tctttcttct	600
ccatctgtag	gatcttccca	ggcaaagtca	cctgtaaatc	acatccatac	ccaagaagct	660
cccaaatct	cacttccagc	ccagacctga	atactggggtc	agctgacacc	ttatctggag	720
catcac						726

<210> 8653

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (345)...(12)

<223> similar to gi4062197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8653

tctgcgctgg	cttcctgact	ttaatatcct	gtaataaaga	aagggtgccc	tgctggacaa	60
aattaaacgc	cactttgtcg	ccggttttta	tttcaactcat	tttcgtctgc	gggggtgatgg	120
taaagcgc	ggtcatctcc	ggccagttca	cggcagcaat	cggatcgtga	tggatggtga	180
tttttttgct	ttccagatcg	atacccttta	ccacgccagt	ggcgctaata	acctgtggtt	240
gtgcttcgct	catggtttca	tgatgatggt	cgttagcctg	ggcattaaag	ccaataacgg	300
taaacagact	gaacattgcg	acttgcagtg	ctttttttcat	ttattctctc	aggaaggccg	360
cca						363

<210> 8654

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (192)...(592)

<223> similar to gi5912254 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8654
cacgaccggt cttgagttcc cgggtcgacg atttcgtgcc acctctgcct gagacctccg      60
gtcgccgcaa gaagctggag aggatgtaca gcgttgaccg tgtgtctgac gacatcccta      120
ttcgtacctg gttccccaaag gaaaatcttt tcagcttcca gacagcatcc acaactatgc      180
aagccatctc gaacttccgc aaacacctgc gcatggtcgg cagccggagg gtgaaggccc      240
aaacgttcgc tgagcggcgc gagcggagct tcagccggtc ctggagcgac cccaccccca      300
tgaaagccga cacttcccac gactcccgag acagcagtga cctgcagagc tcccactgca      360
cgctggacga ggccttcgag gacctggact gggacactga gaagggcctg gaggctgtgg      420
cctgcgacac cgaaggcttc gtgccaccaaa aggtcatgct catttcctcc aagggtgcca      480
aggctgagta catccccact atcatccgcc gggatgaccc ctccatcatc cccatcctct      540
acgaccatga gcacgcaacc ttcgaggaca tccttgagga gatagagagg aagctgaacg      600
tctaccacaa gggagccaaag atctggaaaa tgctgatttt ctgccaggga ggtcctggac      660
acctctatct cctcaagaac aaggtggcca cctttgccaa agtggagaag gaagaggaca      720
tgattcactt ctggaagcgg ctgagccgcc tgatgagcaa agtgaacca gagccgaacg      780
tcatccacat catgggctgc tacattctgg ggaaccccaa tggagagaag ctgttccaga      840
acctcaggac cctcatgact ccttataggg tcaccttcga gtcaccctg gagctctcag      900
cccaagggaa gcagatgac gagacgtact ttgacttccg gttgtatcgc ctgtggaaga      960
gccgccagca ctcgaagctg ctggactttg acgacgtcct gtgaggggca gaggcctccg     1020
cccagtcacc atcaggccac tccctctgca ccgggacctg gggctgggcc gcctcgtgct     1080
ccccgggact gtgtggctcc ggtctcgcct ggagccactt cagggcacct cagacgttgc     1140
tcaggttccc cctgtgggtt ccggtcctcg ctgcacccgt ggccgcagag gctgcagtcc     1200
ctggggggcg ggaggatccc gccctgtggc ccgtggatgc tcagcggcca ggcactgacc     1260
tgccatgcct cgcttgagg ctcagctgtg ggcacccctc catgggggttc atagaaataa     1320
gtgcaatttc tacacccccg aaacaattca aagggaagca gcatttcttg ttaactagtt     1380
aagcactatg ctgctagtta cagtgtaggc acccctggag ccggccgcgc agctggtgga     1440
ctgtaggggc tctgactgg gcacaggagc tcccagcttt tgtccacggc cagcaggatg     1500
ggctgtcgtg tatatagctg gggcgagggg gcaggccccc ctgtgcaga gccaggggtc     1560
tgagggcacc tggctgtgtt cccagctgag ggagggctgg ggcggggggc gggcttgga      1620
cgatgtacga taccctcata gtgaccatta aacctgatcc tccaccgcg      1669

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<210> 8655

<211> 1520

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(834)

<223> similar to gi5832945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8655
gcgaccgagg ctgtgccctc tcctactcct caccgcgcga gcgcggggaa ccagtagccg      60
cggctgcttc ggttgccgcg gtcgggtggc gttatggatt ctccatggga cgagttggct     120
ctggccttct cccgcacgtc catgtttccc ttttttgaca tcgcgcacta tctagtgtca     180
gtgatggcgg tgaaacgtca gccgggagca gctgcattgg catggaagaa tcctatttca     240
agctggttta ctgctatgct ccactgtttt ggtggaggaa ttttatcctg tctactgctt     300
gcagagcctc cattgaagtt tcttgcaaac cacactaaca tattactggc atcttcaatc     360
tggtatatta catttttttg cccgcacatg ctagtttccc agggctattc atatctacct     420
gttcaactac tggcttcggg aatgaaggaa gtgaccagaa cttggaaaat agtaggtgga     480

```

gtcacacatg	ctaatagcta	ttacaaaaat	ggctggatag	tcattgatagc	tattggatgg	540
gcccagagtg	caggtggtac	cattataacg	aattttgaga	ggttggtaaa	aggagattgg	600
aaaccagaag	gtgatgaatg	gctgaagatg	tcataccctg	ccaaggtaac	cctgctgggg	660
tcagttatct	tcacattcca	gcacaccag	catctggcaa	tatcaaagca	taatcttatg	720
ttcctttata	ccatctttat	tgtggccaca	aagataacca	tgatgactac	acagacttct	780
actatgacat	ttgctccttt	tgaggataca	ttgagttgga	tgctatttgg	ctggcagcag	840
ccgttttcat	catgtgagaa	gaaaagtga	gcaaagtcac	cttccaatgg	cgttgggtca	900
ttggcctcaa	agccggtaga	tggtgcctca	gataatgtta	aaaagaaaca	tactaagaag	960
aatgaataaa	tttacgtgat	gagctctaca	aggccaaaaa	ttttttttct	tatctacctg	1020
ttatattgtg	ctaatttttc	tatgtatgtg	atgtgaaatg	aagactatat	atatggaatg	1080
gaggtgacag	aaagaaaagaa	attctttgtt	tgaggagagac	ttcccccttc	tggattgtat	1140
ttgtagagtg	ttacgagtg	atcatgtgat	tatgctttac	cggataaaga	gattctgttg	1200
tgattatttg	aatagtttta	tattaataaa	agaagacaaa	attttttaaa	tgtagaaaaa	1260
agcagatctg	tcattgcaaa	gtaacaaaaa	ttttaagctt	ttaaaaatgt	agatttttca	1320
tatttttaaa	atgtgaatct	atgtgagctt	tagttcagca	gaattaaatt	tttacttgac	1380
attatcatta	aaattgctag	gtatggagaa	caattcctat	tttattttga	acactgagaa	1440
gagtaaactt	ttcctaaaac	actttatatt	ataaatgaaa	ataaattgct	agcttatatt	1500
ttagatataa	acatcatatt					1520

<210> 8656

<211> 2691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (119)...(1241)

<223> similar to gil710282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8656

tgctgctgac	actcgctccc	aggctgcacc	cgccgccctt	ggcgcttcat	gtacatgtgt	60
ctattcaggc	cttgcgagg	cgcccagaag	agcatccaac	acggctgccg	gggaaagacc	120
gcccaccatg	cccacggaga	ccctacagac	aggtagcatg	gtgaagccgg	tcagccccgc	180
gggcaccttc	acctctgctg	tgccccctgc	cactctgaac	aaggggccag	actacttccg	240
caggcaggcc	gagcccaacc	ccaagaggct	cagcgccgtg	gagaggctgg	aggccgacaa	300
ggccaagtac	gtcaagagcc	aggaggtgat	caacgccaa	caggagcccg	tgaagcccg	360
cgtgctggcc	aagcccccg	tgtgccccgc	tgccaagcgc	gcactgggca	gccccacgct	420
caaagtgttc	ggcaaccacg	ccaagaccga	gagcggcgtg	cagagggaga	acctgaagct	480
ggagatcctg	aagaacatca	tcaatagctc	cgagggtctt	agctcgggct	cggggcacaa	540
gcacagctcc	cgcaactggc	cgccccaccg	gtcgggaagc	actgacctgc	accgtcactc	600
cttcgcggag	tccctgaagg	tctacccac	gcaaggccgc	aggagcccg	aggagggcgg	660
ctcccacgtg	ggcaggagac	tgctggagca	gtcagccgag	tccttctctc	acgtgtccca	720
cagctcttctg	gacatccgca	aggtgaccag	cgtgaagccc	ctcaaggcca	tccccctgcag	780
tagctctgccc	cctccccctgc	ctcccagcc	caaaatcgca	gccatcgctt	ccatgaagtc	840
ccccgaggcc	gacctgtgtg	aaccagcttg	tggagtcagc	cgaagaccct	ccctccagcg	900
gtctaagtca	gacttgagtg	acagatatct	ccgagtgagc	gcggacgtgg	agaggttctt	960
caactactgt	ggactggacc	cggaagagct	ggaaaacctg	ggaatggaaa	actttgcaag	1020
ggctaattct	gacataatat	ccctcaactt	ccgcagcgca	agcatgatca	gctcagactg	1080
tgaacagtct	caggacagta	acagtgcact	tagaaatgat	gacagtgcc	atgaccgcgt	1140

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gccgtatggc atttctgcca tcgaaagaaa tgctagaatc atcaagtggg tatatagcat 1200
caaacaagct agagagtcac agaaggctct ccatgtgtaa gacagtgcgt ggaaaggagg 1260
gagcgtgggt ctctgtgctt acgcagttgt gaagggtgtg aggtctcctt gaagtgttgt 1320
gagcttctcc actctttgtg ttgcttggtg tgcaatgttt tcaagttgca tgcttgtcaa 1380
catgggggact gacctggctt ccacgtcacc atcgctacag agcctggctg aacacgcgtc 1440
atctgccaaa agtttcaggc cagaatctaa ttagggcttt gctcgtaagc aaaactgttt 1500
acatgaaaat ggtatacaac ttcttcgata tttatgtggg tcttgtgttt ttatatcccg 1560
cgctattgtg tcttaattaa aagttttatc aactggcttt taagttgaga gcagaatctt 1620
tttgaataaa aaagccactt tgcctacatg tgagactatt ccagtgggac agtaaatggg 1680
atctgctacc aaacagataa tgactgaccg aacatagaac caggctgggt tttctgtgga 1740
ataaagtggg gagcctgacg ttaatcgttt acatgttgaa attctcttgc cacttagtga 1800
agcagtcatt ggggtaacaa tgctacgttt tgtgtccgat tcagtgtgta aacgttgggtg 1860
gttctatgta atactgaccc caaggaaaga cgatcagata caaagaaaga tgggtaaatc 1920
taggaggttg ggtgtttggg ggttttggtg atgttggtct gattgggata attcagaaat 1980
tcctaataat atctttcgac agaatgacca ccctaaaaca aatactgaat gcctttttaa 2040
aaaaaaaaag ggggggggtt ggggtttttt tttttttttt ttttggtcga gaactactaa 2100
tttcatgcta tttctttctc tctccctttg ttgttatttg atttggggga agggagttag 2160
gcttgtgcag atttgagcta tctgaagaca tgaacagaag tcaaatacca gccatatcag 2220
tagagccttc cattcaaaag tgaacacact tggtagctga accatatctg agcagcgtga 2280
ttctgttgct ttgcatatgt tattctctca ggctgtggat ctttgttaca gctctaggaa 2340
actgtagaaa tacaatgcta ttagctttt ccaccccatg gtctctagtg ctgcctatca 2400
acttgteccc ttttttccca ataacctgtc ttccagggtg tacagttagc tgtcactcag 2460
ctgacaccat gatgtggcag cagagaggga aacctacaag tggtttgcct cattgccttt 2520
gccacatctg aagttctcag cagcactacc ttagacttca tgagctaata ggaaactttt 2580
tatggtgtaa atgctgtaag actttgtaca tacttcagtt gttatgaaat ctttaaagaa 2640
aaaaagaaaa agttacgcta ataaattgct gtggtgcagg caaaaaaaaa a 2691

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<210> 8657

<211> 1561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1562)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (504)...(1270)

<223> similar to gi3876146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8657

```

atatgacaag gacgaggacc cctattctag ccagttaaag ctggacagaa tttttaaaag 60
caatgaagcc agttccttgg atatatccac gggcttttgc ttgagaagga actgagtagg 120
cagtgagaag agtcgagtga agcctggccc gtgagtgcct caacaactga gatgaacgtc 180
gactcgcttg caggcaagtt gtcactcagc agcgatctga actatatcct ggggtccaga 240
aaaggcagag gttcttaccg aaagcagggg aggaagccgc agcccaagga ggtcgtcact 300
tgccgggaag gtggctcggg ccaggctgca ctcaaaaccc gtgctctgtc cacactgcta 360

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cggggccaga	gccaaaggaag	cttccacttc	ttcccccaga	cagccccaac	agcggctacc	420
ccaaggagcc	agcagccttg	tgtcctggga	tccccagccc	ctgcagaatg	accaccaggg	480
atctgagcat	cacagccaaa	ctcatcaatg	gaggtgtagc	agggctcgtg	ggggtgacct	540
gcgtgttccc	catcgacttg	gccaagactc	gcctgcagaa	ccagcatggg	aaagccatgt	600
acaaaaggaat	gatcgactgc	ctgatgaaga	cggctcgggc	ggagggcttc	ttcggcatgt	660
accgaggggc	tgcagtgaac	ctcactctgg	tactccaga	gaaggccatc	aagctggcgg	720
ccaacgactt	tttccggcgg	ctgctcatgg	aagatgggat	gcagcggaac	ctgaagatgg	780
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gcctgggtgc	cactctcctc	agagacattc	ctttctccat	catctacttc	ccactgtttg	1080
ccaaccttaa	caacctgggg	ttcaacgagc	tcgcccgtaa	ggcgtccttt	gcacattcct	1140
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ccgactgtgc	caggtgagag	ccagtgtccc	ctcaaattgt	ggctgggaca	ggttcctctg	1320
cgtgggtgtc	tgcctagacc	agatttagag	accaacttga	attgctgggc	tctgggtttc	1380
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ccaaggcctt	gaccanctg	cataagtaac	caacctgcac	gcacctagcg	ggcgaggcac	1560
a						1561

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<210> 8658
<211> 2515
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2314)...(1617)
<223> similar to gi567232 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8658						
tttttttttt	ttggcattct	tgacatttta	attagagcag	aaataaacta	ctaaatattt	60
tattttctaag	caaaacagag	ctccagcata	aatcctgttt	gtctgagaaa	ttcacaatac	120
attttagaaa	tccaatggat	acattcaaaa	tgttatctaa	taaataacaa	ggtcaggtct	180
actccaaatc	taagaatctg	atttaaacad	aagggggcaa	aaaactacca	gggctttttt	240
ttttttgggtg	gttataaaca	atacttgata	tttaagcaac	acagtcacac	tgctttaaac	300
ttagttgcag	agatctacaa	tttattatta	ttttcagtgt	tagagctaga	gggtaatttt	360
ttcaaagatg	gcactcaact	ccacttattt	acctgtcaac	aaatacagaa	ctgaactgtt	420
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accagactct	gaaaaagaga	tacatatttt	gattcacact	tgtacaaaga	gaacagtcac	540
gtctgcatga	cttaagggtc	cctaaacaca	actgttttat	gttttagacc	cctggagtgt	600
gccagtttac	cacatcaggg	aggaatcaag	ggatgtgtgt	gtccttctta	aagaaccaag	660
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gttcaaaaaca	aaggagagaa	ttatttcctt	cctcgagctc	ttcccaaagc	aatatgcaca	840
tctcataatc	aaatctcaag	tagtacaaag	agataatcaa	ttatctaaaa	atttaattta	900
catacatggt	ggcctggatt	aaaaacaaaa	aagttagttt	ccataaatag	cagacttttag	960

tgctgtatga	cccaatgact	aaaaataaaa	ccaggaagtt	tttactaaaa	gctcaaggat	1020
aaaaatgaac	actggctggc	tattgaactc	cacatctgac	aataattact	gacagtttaa	1080
aaatgtatat	ccaaaatata	accctcaaga	ggaccaggtt	tatttgctcg	acagagcagc	1140
tcaaaatggt	gaggcatcat	ttgtttggat	tatgatgggt	tattctcgaa	gtttatttat	1200
ttagaagggg	aaagtgattt	atagaaaaat	acttggaat	aatttgccca	atgaagtgc	1260
agattcctaa	caataatcca	catcttagat	ttttaagtgt	gtagtttcat	agtttaaaca	1320
aattctgtca	aagaactatt	caatatactt	tatcacttta	actttccatg	aaaaccaaat	1380
aaaaatcaca	tccgaatgat	ttacttctat	gcttttatct	gattgtatac	atatgatgta	1440
ctacgcatcc	aagtacaaga	ggcagttatc	ttctctgaga	ggtgcaagag	ttgttcttct	1500
atgaatgcc	tctaatagtg	aaaccagcaa	tttttatata	tgcattcatg	tgcataatac	1560
tgtacttcaa	aaagcaaagc	gtcatctctt	cgtccattgt	taacttaatg	gtaagaatgg	1620
gggccaccag	gcattgggtg	agcaccagaa	ggtcctgaag	gcacttgga	aggattactg	1680
ggagtaggat	agagtcctgg	tgtgggatac	gatcctgtag	gggcaggata	tgggtgctgg	1740
ggtccccagg	ctcctgggtg	aacggtgccc	catggaacag	gtggtgctgc	cccaggggct	1800
tggggaggag	gaggagcggg	atatgggcct	ggagatggat	atggcatatt	aggggtagga	1860
tactgccctc	ccattcctgg	cgcccaaggt	ccagaagaca	tggatcccca	tggacctaaa	1920
ggaccagctg	cagctggatc	tgtgggtgca	ccatatggtc	tgggtagctc	tggaaagggc	1980
atatttggtg	taggatattg	ccctgtgggg	ccagggcccg	gcacagttgg	ggctggataa	2040
ggaccaccag	gtgggggaca	tgatggtccg	gaaggaggaa	agggtgctgg	gggtcctgga	2100
ggtggtccgg	tgggaggcac	ggagggatac	attcctgttg	gtgctggtcc	aaaaggcaca	2160
gtggaggtg	ttgcacttgg	tgggagtcca	gatggcactg	aagatggagc	actcggatta	2220
ttccaaggtt	tggagcctgg	ccagccttga	ggaggttggc	caggttttgt	attgctcaca	2280
gcagaggttt	tggcagggga	gtgttcaggt	agtgcactctg	ccaacgaaaa	ttcatcagac	2340
atatttcccg	caatatccga	gaccgcagta	gggtctagaa	gcggcgatgg	gtccgagggg	2400
ctgggccctg	aagacgcggg	cgcagcctga	ctgacggcag	ctagagcagc	ggcggcaaca	2460
gcaccagcag	cgcgcggctc	ctcctgacgc	gatagtcgac	ccggaatttc	ggaac	2515

<210> 8659

<211> 1248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (297)...(801)

<223> similar to gi3688392 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8659

agggcaagt	ccaggggggc	acaaggctgg	gcatgtggct	ggcatgagac	ggtgtctgag	60
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gggcagccag	cgtccaggta	ccccaacccc	tgccttgggt	ccggcgtccc	cccattagtg	180
agtcttggct	ctacttatag	catctgacac	cagagggggc	gaaaatagcc	cctggagaag	240
ggggaggagg	gggctattta	aagggcctgg	gaggggagag	agaatgagga	gtgatcatgg	300
ctacctcaga	gctgagctgc	gaggtgtcgg	aggagaactg	tgagcgccgg	gaggccttct	360
gggcagaatg	gaaggatctg	acactgtcca	cacggcccga	ggagggctgc	tcctgcatg	420
aggaggacac	ccagagacat	gagacctacc	accagcaggg	gcagtgccag	gtgctggtgc	480
agcgtctgcc	ctggctgatg	atgcggatgg	gcacccctcg	ccgtgggctg	caggagtacc	540
agctgcccta	ccagcgggta	ctgccgtctg	ccatcttcac	ccctgccaa	atgggcgcca	600
ccaaggagga	gcgtgaggac	acccccatcc	agcttcagga	gctgctggcg	ctggagacag	660

ccctgggtgg	ccagtgtgtg	gaccgccagg	aggtggctga	gatcacaag	cagctgcccc	720
ctgtggtgcc	tgctagcaag	cccgggtgcac	ttcgtcgtc	cctgtcccgc	tccatgtccc	780
aggaagcaca	gagaggctga	gagggactgt	gacttgggct	ccgtgtgtcc	cgccctgggc	840
tggggcccttc	ctggctagga	ctgtggaggg	gagctgtgtg	ccatggctgc	tttgtagttt	900
gcccagagtt	gggggctagg	ggagggggga	gccagaggcc	aggatgcctg	agccccctga	960
gttcccaaag	ggaggggtggc	agagacagt	ggcactaagg	gtggagagtt	gggggcccagc	1020
acagctgagg	accctcagcc	ccaggagaag	ggacaaaagg	tactggtgag	ggcaagaggt	1080
gcctgggagg	agtggccctg	atccaggaaa	atgtgagggg	aatctggaac	gctctaggca	1140
gaagaagctg	ggagggaggg	ggaggtgaaa	agggcagagg	caaggatggt	ggggcccca	1200
gcaccctctg	ttagtgccgc	aataaatgct	caatcatgaa	aaaaaaaa		1248

<210> 8660

<211> 1863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (532)...(1192)

<223> similar to gi4678927 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8660						
aaatgagtct	tgtctgaatt	gtgcggaaga	catgaggcac	tgagagaggt	gggggcccag	60
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gattggtccc	tgactatggc	tccccagagc	ctgccttcat	ctaggatggc	tcctctgggc	180
atgctgcttg	ggctgtctgt	ggccgcctgc	ttcaccttct	gcctcagtca	tcagaacctg	240
aaggagtttg	ccctgaccaa	cccagagaag	agcagcacca	aagaaacgga	gagaaaagaa	300
accaaagccg	aggaggagct	ggatgccgaa	gtcctggagg	tgttccaccc	gacgcagtag	360
tggcaggccc	ttcagccagg	gcaggctgtc	cctgcaggat	cccacgtacg	gctgaatctt	420
cagactgggg	aaagagaggc	aaaactccaa	tatgaggaca	agttccgaaa	taatttgaaa	480
ggcaaaaggc	tggatatcaa	caccaacacc	tacacatctc	aggatctcaa	gagtgcactg	540
gcaaaattca	aggagggggc	agagatggag	agttcaaagg	aagacaaggc	aaggcaggct	600
gaggtaaagc	ggctcttccg	ccccattgag	gaactgaaga	aagactttga	tgagctgaat	660
gttgtcattg	agactgacat	gcagatcatg	gtacggctga	tcaacaagtt	caatagtccc	720
agctccagtt	tggaagagaa	gattgctgcg	ctctttgatc	ttgaatatta	tgtccatcag	780
atggacaatg	cgcaggacct	gctttccttt	gggtggtctc	aagtgggtgat	caatgggctg	840
aacagcacag	agccccctcg	gaaggagtat	gctgcgtttg	tgctgggcgc	tgccctttcc	900
agcaaccca	aggtccagg	ggaggccatc	gaagggggag	ccctgcagaa	gctgctggtc	960
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ctgaggaccc	tgggtcagga	gaagggcacg	gaggtgctcg	ccgtgcgcgt	ggtcacactg	1140
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cagggtgtgt	gcgagatcac	ggtccacctc	ctggcgctgc	ccgagcatga	tgcccgtag	1320
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ccccagctcg	gcaggacact	ggccagcctg	caggctgagt	accaggtgct	ggccagcctg	1440
gagctgcagg	atggtgagga	cgagggctac	ttccaggagc	tgctgggcctc	tgtcaacagc	1500
ttgtgaagg	agctgagatg	aggccccaca	ccaggactgg	actgggatgc	cgctagttag	1560
gctgaggggt	gccagcgtgg	gtgggcttct	caggcaggag	gacatcttgg	cagtgtgtggc	1620

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ttggccatta aatggaaacc tgaaggccat cctctttctg ctgtgtgtct gtgtagactg 1680
ggcacagccc tgtggccggg gggtcaggtg agtgggtggg tgatgggctc tgctgacgtg 1740
cagggctcag cccagggcat ccaggaacag gctccagggc aggaacctgg gcccaggagt 1800
tgcaagtctc tgctttctac caagcagcag ctctgtacct tgggaagtcg cttaattgct 1860
ctg 1863

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<210> 8661
<211> 1471
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1104)...(548)
<223> similar to gi4982472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 8661
tttttttttt ttactattcg ttaggctttt atttttctct atgttctgca gtaactaagg 60
aaaatcatgg taaatgtcaa tcttcacaca acagcagaca caaaggggtt cagaaacgtc 120
agatatgaag aaatcctcca tccttcttca acattttact gggatattca acttcaaaag 180
aacagcttat ttctataagt gctgtacaag atcatagatt atgatggaac gacttcattt 240
tagaacgtta gcaaaaactgt tatactaaat gtcaatgaca ggaaacaaag aaaaaattt 300
gttcaattat atttttaaac atattgttat tctcaacaaa cggaatttta aaacgaatac 360
aattttccat tatcaaaagc aaacactcta tttcgcagtt gaacaatgat cactgatcac 420
aaatatcaaa tacagtgtcc cccgccccca atcgacatca ttttcaactt aggaccttgg 480
catctactcc ttgggggtacc tgtgactctc ttttacaccc ccaagggctc gcctcagatc 540
tacttaaggg gcggaataac ccctagcacc tgaattgagg atagcctcaa cctctgcac 600
atcgtccgaa tcccagtcac aattacaagg ccagtcttta gagcatcggg tacgaacctt 660
tgccacaaaa tgcatgactt tcagtttgct cgattccacg tgtgctcggg gccccagaa 720
gaactcatac tccaccggac tgctacgggg caccgggtta taaatcagg accctctgcg 780
caciaactct tctgtgacga tcttcttcgg atctccaaag atgctgtgct gacgtccagg 840
ctgcattcct aacttcccc acaatttcca gaccagagct tccttggcgc tgggtgccct gaaaattgct 960
gatgaagatg agcgctaata tagacatcag gagacttttc ttgggtgccct ggggtggtaga 1020
ccggggcact gaaggctttt gtgcttgggc agtgctcgag gcttcttcag ggggtggtaga 1080
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cgctaccaca gaggcggcca taggggtctc ggaggcctct gaggcctgga ttttgcgatt 1200
gttgcggttc tcttctgcgg ctctcgcatt acggcggcgc cgactcttct gtccccgagg 1260
catgtctcct gctagaggct caaagcttac agcagtccta gggaaggatg cttgtagcct 1320
cttcaggaag caacagcttt ataccgtaag aagctgctgc cgctgaagct accaatgtca 1380
atagagtctt ttagcaata aacaagccgt tctcagctac aaagggtagt tcccacgcca 1440
gctgacttgc gcgagcagcc gccgccagca cttgccgcag ctgcaagccc gcgagaaagc 1471
tcagcaaaat tggccccgcc tctcctgcca c

```

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<210> 8662
<211> 1836

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1837)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1716)...(951)
<223> similar to gi551174 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8662
tttttttttt ttattgcaca tcactccttt cattatactc gatactggaa aaaggattta      60
gtacagttat gtcagatga aactggacc catgtggcag ggtccaagca actagaacat      120
gattcagaaa tcagtggaaa gataccactt ggacaggacc aagagggcat ttcactgccg      180
atgaaacaca ggcaggaagg gattcttaat acccccccca ggnagcaac tctgcccccc      240
tcaagaggtc aagcgcagcc tgatcctata ttggtatgag gaatggctta ttttctgatg      300
accacatgt gggactatth caaccgccac aagaaacccc agaaggggta ttgttttgta      360
ttatatatac tatacttttt taataaaaagt aaattaacac ataacgaaat tcaggattga      420
tcccaaccta gagccagatc ctctggggtc agggaggaaa cagttgtcac atcaccacgc      480
aggttacatt cgtcttccac tggaatgact agagccccc aagcagtaggc agtgacctga      540
ctgcagaaga gcagaggaca gactccgctc atggggacag acaggtctctg ttgcttctcc      600
tcaactggtc tggcttagca tgggtctctc ccaaagtcct tagtaaaca agcactcgca      660
aaaacccaag tcactacttt taaactctgt tggataaggg gagcttttcc atagcttaga      720
ctgagaacct gtgctctaga actgctatth tgactagatt gtatgaaggg agtgggtgca      780
ggcgacaaaa tggctaaaaat gaaaatggga gccactggtc cccgtctgca gctacaactc      840
aagatgtcta cagatgtggt cagtgtgaca tgtgcagggt ggaggggcag agggacaaga      900
cgggcaggga ggggtgctct ggggacagta tctctcccgc cggccttcac ttcttggcct      960
tgccctgggc agccacagct tccatggctt tgcgcaccgt ctcttcatcc cccagaaact     1020
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gcaggttcag ctccatgata gcctcttcag agagaccctc cagatgcttg acaatgcccc     1140
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tttcttcatt ccagaagggc agagctctgg caatagtatc cttcagactc tcacaggagg     1260
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gccggatcag caccagtttg taggcggcca tggcggcggg ctggggatgc ggcaccgact     1740
gggattagca gattccggag tagcagcccc ccccgctggc cgcgcctgcg cgctcgacc     1800
gctcagtcgg gctcccgcgc aagttctcgc ccaaat

```

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<210> 8663
<211> 3789
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(2059)

<223> similar to gi535032 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8663

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aacccggagc	tgcttacaca	catcctggac	ggcagccccg	agaaaacccg	gcgccgccga	180
gagatcgaga	acatgatcct	gaacgaccca	gacttccagc	atgaggactt	gaacttcctc	240
actcgcagcc	agcgttatga	ggtggctgtc	aggaaaagtg	ccatcatggt	gaagaagatg	300
agggagtttg	gcacgcctga	ccctgatgaa	attatgtggt	ttaaaaattt	tgtgcaccga	360
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gcaactgcgg	agcagcagga	gcgcttcttc	atgcccgcct	ggaacttgga	gatcattggc	480
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tggtggcctg	gtgggcttgg	aaagacttca	aatcatgcaa	tagttcttgc	ccagctcatc	660
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tacgggacca	tggtgtttgt	caggtccttc	cttgtgggag	aagctgctcg	ggctctgtct	960
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ctattcatgc	tagcattttt	ccaacgaggg	aacttattcc	gcacgggcct	actgtaggac	2700

cattgtctcg	tgtaattagg	aattttccat	ttgaaggatt	gctaaattgt	cacagtagta	2760
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cacgcctgt						3789

<210> 8664

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1945)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1873)...(1342)

<223> similar to gi4929709 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cgttatctgc	cccacctcag	tgctggagaa	ctggcagtta	gtaagtgggg	cagaatgctt	180
aagtctcagg	aaggttttta	aaggcatttt	tgtggggagg	aagttctggg	tcaaggggaa	240
agattagacc	caagagttag	tattccattc	tccatcttcc	tggggaaatc	caaaccctca	300
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cagttttgaa	gctatatgcc	agatcagggt	acagaatgca	ttttatatgc	cctgttcaat	720
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cagaactgca	agaagaatga	aaaagaatag	gaaggggtgta	ggggaggttg	agggggcaac	1200
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<210> 8665

<211> 3589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (822)...(2356)

<223> similar to gi3002953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8665

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gctcactcag	gacttttcaga	ggagacgcct	gcggggctgc	agaaacctct	acaagaagga	180
cctectcggc	cacttcgggt	gtgtcaatgc	cattgaattc	tccaacaatg	gaggccagtg	240
gctggtctca	ggaggagatg	accgccgggt	tctgctatgg	cacatggaac	aagccatcca	300
ctccagggtc	aagcccatac	agctgaaagg	agagcaccat	tccaacattt	tttgctgggc	360
tttcaacagt	gggaacacta	aagtgttctc	tggaggcaat	gatgagcaag	ttatcctcca	420
tgatgttgaa	agcagtgaga	cattggacgt	gtttgtcat	gaagatgcag	tatatggctt	480
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catttgggac	attcggaat	cccccatgg	agagcccttc	tgcttggaac	actatccatc	600
agcctttcat	agtgtcatgt	ttaacctgt	ggagcccagg	ttgttggcca	cagccaattc	660
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gaattcctgc	agatccagaa	gcaggtggca	ttggtagggg	ggtcaacgga	gccttcatgg	1020

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cttctttatt	gagcatttaa	tgtggacata	ctataaaaaa	gaatttttaa	tgctaataag	3540
aggttttagca	cttaagatca	gattcaagag	aatataggtt	cctgataaaa		3589

<210> 8666

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (538)...(285)

<223> similar to gi3877369 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8666
tttttttttt ttgaagagag cagattctct ttattgagat acgggacaca gccaagggtg      60
gagagacgga acagcccccc agcctcagcc ctctccacgg gggccggatg ccagagatgg      120
gagaagggat tcagtctctc gcccgggaaa ccaggtccca cagagggcgc cggcaagggt      180
gggacgcgac ctgggtgaca cgggtgcagg agtcctttaa tagaggagg gctggagcgg      240
ggaaacgcgc cggggcccta gcgcaccatg tattccttgc gcttattgag ccgaacttgg      300
cagaaagaga agcctccgag gaggaggtaa aggcctgcag cgatgaaaca gttgtagctg      360
acttgctcgt aaaggttgta tatgttctgg gggccattct caaaatcttt ctccgtgaag      420
ggaacgtcct caatcaacac agcgggaatgg acattgaaaa atattccgag cattatcaac      480
atgatcactc ccagggcgct gaggacgatg ccgcaggcgg ccagcttcgg ccacagcac      540
aggagcgacg ccataaagaa gggagtcggg gatcgccgag gtgcaagcgg gctcggaaag      600
cggtgggaga aagcccagga tgccctcgcc cagcgcgccg ccacgcgctc cggccacgcg      660
tccgcccacg cgtccg                                     676
```

<210> 8667

<211> 5381

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1325)...(2851)

<223> similar to gi3309537 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ggctcacacc tgtgggtccca gaactttggg aggccaaagg gggcgaatca cgaggtcagg      120
agtttgagac tggcctggcc aatatggtgg agccccgtct ctaccaaaaa tataagaatt      180
ggctgggtgt ggtggcgggt gcctgtgggt ccagctgctc gggaggctga ggtgggagag      240
tggcttgagc ctgggaggcg gaggttgagg tgagccgaga tcgcgccact gcactccagc      300
ctgggtgaca gagtgagact ccatctcaag aaaaaaaaga aaaaaaaaaa aaagaatgga      360
gatactagag gttgcacagt gctgagaaat atgaggttct gacctagcca gagtggagag      420
aactttttaa catcataggc attcaattga aaaccacac cttaggggaa agaaccacct      480
cctagagtaa agactactct aggcagggtg tgggtggtca cacctgtaat ccagaactt      540
tgggaggcca aggtgggcga atcacgaggt caggagtttg agactggcct ggccaatatg      600
gtgaaacccc gtctctacca aaaatataaa aattagctgg gtgtggtggc aggtgcctgt      660
agtcccagct actcaggagg ctgaggtggg agaattgctt gaacctggga ggcggagggt      720
gcagtgagcc gagatcacgc cactgcactc cagcctgggt gacagaccga gactccatct      780
caaaaaaaaa aaaaaccaa aaccaaaaac caaaaaacca cccaggggtc ttgttaaaat      840
gcagatgttg aatcagtagg tctggtggtg cggcctgaga ttctgcattt ccagcaagct      900
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tgccctgggt gctggccccg gcagctggcc ctgcctttga cagtgaccct gagatctccg     1080
acgtggatga ggatgagccc aggggtctct gtgggtctct cggatgttgt cccccccagc     1140
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cggcgcgtcc	acacctaagc	tcacctcccg	cagtgtctgc	caggacctgg	accgaatggg	1440
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<210> 8668

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (459)...(816)

<223> similar to gi2827473 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8668

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cccagagagg	cggatgcatg	tgggagcaaa	gagctttggg	cagcctttaa	gctgaggaag	180
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agaagaaaag	cgaaaagttc	aaacacacgt	cagcagccct	ggaaaaggaaa	atatctatga	360
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gccagcaggg	tgtggcccag	caccaccaca	ctgtcctgcc	ctcccagatc	cagcaccagc	780
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cgggtgatgg	ggtcaccaaa	gcaggacctt	tgggccttcc	agaaataaga	caagtgccaa	1020
ctgttgtgat	tgaatgtgat	gacaataaag	aaaatgtgcc	tcatgagtca	gactacgaag	1080
actcttcttg	cctgtatata	agagaagagg	aggaagagga	ggaggacgaa	gacgacgaca	1140
gctcattata	caccagctcc	ctggccatga	aggtctgcag	gaaggactcc	ttagccatca	1200
aaccacagca	caggccctcc	aagcgagagc	tgggaagaaa	gaacatcctt	cccaggcaga	1260
cggatgagga	gcggctggag	ctgaggcaac	agattggcac	caagctca		1308

<210> 8669
 <211> 1139
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (66)...(1142)
 <223> similar to gi3378206 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8669

ttcccgggtc	gacgatttcg	tccagggcgg	acaggctggg	cgcacccgtg	ctcgcgcacc	60
ccaagatggc	tgagaggcag	gaagagcaga	gagggagccc	gcccttgagg	gcggaaggca	120
aggccgacgc	ggagggttaag	ctcattctgt	accattggac	gcattccttc	agctctcaaa	180
aggtgcgctt	ggtaattgct	gaaaaggcat	tgaagtgcga	ggaacatgat	gtaagtctgc	240
ccttgagtga	gcacaatgag	ccttggttta	tgcgtttgaa	ctcaactgga	gaagtgcctg	300
tccttatcca	cggggaaaac	ataatttggt	aggccactca	gatcattgat	tatcttgaac	360
agactttcct	ggatgaaaga	acaccaggt	taatgcctga	taaagaaagc	atgtattacc	420
cacgggtaca	acattaccga	gagctgcttg	actccttgcc	aatggatgcc	tatacacatg	480
gctgcatttt	acatcctgag	ttaactgtgg	actccatgat	cccggcttat	gcaactacaa	540
ggattcgtag	ccaaattgga	aacacagagt	ctgagctgaa	gaaacttgct	gaagaaaacc	600
cagatttaca	agaagcatac	attgcaaaac	agaaacgact	taaatacaag	ctgcttgatc	660
atgacaatgt	caagtatttg	aagaaaattc	ttgatgagtt	ggagaaagtc	ttggatcagg	720
ttgaaactga	attgccaaaga	agaaatgaag	aaaccccgag	agagggccag	caaccttggc	780
tctgcggtga	atccttcacc	ctggcagacg	tctcactcgc	tgtcacattg	catcgactga	840
agttcctggg	gttttgcaagg	agaaactggg	gaaacggaaa	gcgaccaaac	ttggaaacct	900
attacgagcg	tgtccttgaag	agaaaaacat	ttaacaaggt	tttaggacat	gtcaacaata	960
tattaatctc	tgcagtgctg	ccaacagcat	tccgggtggc	caagaaaagg	gccccaaaag	1020
ttcttggcac	gacccttgtg	gttggtttgc	ttgcaggagt	gggatatttt	gcttttatgc	1080
ttttcagaaa	gagacttggc	agcatgatat	tagcacttag	accagacca	aattatttc	1139

<210> 8670
 <211> 2773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(1512)
 <223> similar to gi5106795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8670

acgcgctggg	ccgcggggcag	cgtcgcctca	cgcgaggagcag	agctgagctg	aagcggggacc	60
cggagccccga	gcagccgccc	ccatggcaat	caaatttctg	gaagtcacatca	agcccttctg	120
tgtcatcctg	ccggaaattc	agaagccaga	gaggaagatt	cagtttaagg	agaaagtgc	180
gtggaccgct	atcacctct	ttatcttctt	agtgtgctgc	cagattcccc	tgtttgggat	240
catgtcttca	gattcagctg	accctttcta	ttggatgaga	gtgattctag	cctctaacag	300
aggcacattg	atggagctag	ggatctctcc	tattgtcacg	tctggcctta	taatgcaact	360
cttggtggc	gccaaagataa	ttgaagttgg	tgacacccca	aaagaccgag	ctctcttcaa	420
cggagcccaa	aagttatttg	gcatgatcat	tactatcggc	cagtctatcg	tgtatgtgat	480
gaccgggatg	tatggggacc	cttctgaaat	gggtgctgga	atttgcctgc	taatcaccat	540
tcagctcttt	gttgcctggc	taattgtcct	acttttggat	gaactcctgc	aaaaaggata	600
tggccttggc	tctggtattt	ctctcttcat	tgcaactaac	atctgtgaaa	ccatcgtatg	660
gaaggcattc	agccccacta	ctgtcaacac	tgcccgagga	atggaatttg	aaggtgctat	720
catcgactt	ttccatctgc	tgcccaacacg	cacagacaag	gtccgagccc	ttcgggaggc	780
gttctaccgc	cagaatcttc	ccaacctcat	gaatctcatc	gccaccatct	ttgtctttgc	840
agtgtcatc	tatttccagg	gcttccgagt	ggacctgcca	atcaagtcgg	cccgtaccg	900
tggccagtac	aacacctatc	ccatcaagct	cttctatacg	tccaacatcc	ccatcatcct	960
gcagtctgcc	ctggtgtcca	acctttatgt	catctcccaa	atgctctcag	ctcgcttcag	1020
tggcaacttg	ctggtcagcc	tgctgggcac	ctggtcggac	acgtcttctg	ggggcccagc	1080
acgtgcttat	ccagttgggtg	gcctttgcta	ttacctgtcc	cctccagaat	cttttggctc	1140
cgtgttagaa	gacccggtcc	atgcagttgt	atacatagt	ttcatgctgg	gtcctgtgc	1200
attcttctcc	aaaacgtgga	ttgaggtctc	aggttctct	gccaaagatg	ttgcaaagca	1260
gctgaaggag	cagcagatgg	tgatgagagg	ccaccgagag	acctccatgg	tccatgaact	1320
caaccggtac	atccccacag	ccgcggcctt	tggtgggctg	tgcatcgggg	ccctctcggt	1380
cctggctgac	ttcctaggcg	ccattgggtc	tggaaccggg	atcctgctcg	cagtcacaa	1440
catctaccag	tactttgaga	tcttcgttaa	ggagcaaaag	gaggttggca	gcattggggc	1500
cctgctcttc	tgagcccgtc	tcccggacag	gttgagggaag	ctgctccaga	agcgccctcg	1560
aaggggagct	ctcatcatgg	cgcgtgctgc	tgccggcatat	ggacttttaa	taatgttttt	1620
gaatttcgta	ttcttttcatt	ccactgtgta	aagtgtctaga	cattttccaa	tttaaaattt	1680
tgttttttat	cctggcactg	gcaaaaagaa	ctgtgaaagt	gaaattttat	tcagccgact	1740
gccagagaag	tgggaatggg	ataggattgt	ccccaaagtgt	ccatgtaact	tttgttttta	1800
cctttgcacc	ttctcagtg	tgatgcggc	tgacagccgtc	tcacctgttt	ccccacaaag	1860
ggaattttctc	actctgggtg	gaagcacaaa	cactgaaatg	tctacgtttc	attttggcag	1920
taggggtgtga	agctgggagc	agatcatgta	tttcccggag	acgtgggacc	ttgctggcat	1980
gtctccttca	caatcaggcg	tggaatatc	tggcttagga	ctgtttctct	ctaagacacc	2040
attgttttcc	cttattttta	aagtgatttt	tttaaggaca	gaacttcttc	caaaagagag	2100
ggatggcttt	cccagaagac	actcctggcc	atctgtggat	ttgtctgtgc	acctattggc	2160
tcttctagct	gactcttctg	gttgggctta	gagctgcct	gtttctgcta	gctccgtgtt	2220
tagtccactt	gggtcatcag	ctctgccaa	ctgagcctgg	ccaagctagg	tggaacagacc	2280
cttgacagtga	tgtccgtttg	tccagattct	gccagtcac	actggacacg	tctcctcgca	2340
gctgccctag	caaggggaga	cattgtggta	gctatcagac	atggacagaa	actgacttag	2400
tgctcacaag	cccctacacc	ttctgggctg	aagatcaccc	agctgtgttc	agaattttct	2460
tactgtgctt	aggagtgcac	gcaagtgcac	agacaccacc	gacttccttt	ctgcgtcacc	2520
agtgtcgta	gcagagagag	gacagcacag	gctcaaggtt	ggtagtgaag	tcagggttcgg	2580
ggtgcatggg	ctgtgggtgg	gttgatcagt	tgctccagt	tttgaaataa	gaagactcat	2640
gtttatgtct	ggaataagtt	ctgtttgtgc	tgacaggtgg	cctaggtcct	ggagatgagc	2700
accctctctc	tggcctttag	ggagtcctct	cttaggacag	gcactgcca	gcagcaaggg	2760
cagcagagtt	ggg					2773

<210> 8671
 <211> 765
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (715)...(358)
<223> similar to gi2739294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8671
cctttttttt tttttctggt ttaaattcatt tatctccatg tagagatttg agtacaaaaa    60
taaacggcaa caaaacagaa ggagtgtgaa atccggggat ccacagggct tctgtcctcc    120
accttccatg cagctggggg ctgcatcctc tgtgggggtg cttcatcctc tgtgggggtct    180
gtggggcctg ctccaagtca tcagcattcc atgccacctt ggacctgggtc ccagactttc    240
ggggaagccc tcagcctggg gctcctggca cccccgttgc ggctggggaa gagagggtgtg    300
gaatccccag agaaagggaa ggaaaggcat gaggggcctt ccctgggggg aaggtcacag    360
gctgggggct aagatgacgg ccaggaggct caggggccagc cccaggctga gggcactgtg    420
ggcgaggggc gtgcgggttg gtgcagcgtt gtgcagcttc tcattgcaca ggtcctcctg    480
gcagcactgg gtggagctgg tgccgctgct gacctggcct tgcagggtgt agctgggtgt    540
gcacgactcc gcacagtcct tcttcaccag attccccctc agaggctcca ctgtgttcgt    600
ggtcttgcag aagcgagagc tggccgggca gaccacagaa tgcttgcagt tgctggagct    660
ggtgcacacg tggcagcgca gggtaagggc tggccctgta gccacagcca gggttcaagg    720
acacaatcgc ggcgcgtggg cgaccggaat tcgggcggtc gaagg                    765

```

```

<210> 8672
<211> 1544
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (459)...(1208)
<223> similar to gi3873700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8672
cgctgcagga attcggcacg agggcacgcg ggactgctac gaggtgctgg gcgtgagccg    60
ctcggcgggc aaggcggaga tcgcgcgggc ctaccgccag ctggcccggc gctaccaccc    120
tgaccgctac cggccccagc ccggagacga gggccccggg cggacgcgcg agagcgccga    180
ggaggctttc ctgctgggtg caaccgccta cgagacactc aagtctctct gcatatgccc    240
aagaggattg ggagtggaaat ggacaccagc agaagcacca cagttattcc tgtagagatt    300
agaaacaagg agcttattgc cctgcttgct aaggctcagg acagacagga ggaagaaaca    360
agtataaagg ttttggtttt ggaaagaagt tggaatctcc agaccctggg accttaagat    420
ccacaaaatt gctgaaagaa aaagtnctcc cttattgaaa ggatgaagaa acacgaaaag    480

```

attatgatta	catgctggat	catccagaag	agtactacag	ccattactac	cactactata	540
gcaggcgctt	ggcccctaag	gtggatgtta	gagtagtgat	tttggtcagc	gtgtgtgcta	600
tttcggtggt	tcagtttttc	agctggtgga	atagctacaa	taaggcaatc	agctacctag	660
ccacagtgcc	caagtaccgt	atccaagcta	cagagattgc	caagcagcag	ggactgctca	720
aaaaagccaa	agaaaaaggc	aaaaacaaaa	agtccaaaga	agaaattcgt	gacgaggagg	780
agaacatcat	aaagaacatt	ataaaaaagta	aaatagatat	aaaggggggc	tatcagaaac	840
cccaaattctg	tgatctttctc	ctgtttcaaa	ttatcttagc	tccttttcac	ctatgctcat	900
atatagtttg	gtattgtcgg	tggatctata	attttaacat	caaaggcaaa	gaatatggag	960
aggaagagag	attatacatt	atacgtaa	ctatgaagat	gtcaaagtct	caatttgata	1020
gtctagaaga	tcacagaaa	gaaacttttc	ttaaacgaga	gctctggatc	aaggagaatt	1080
atgaggtcta	caagcaagaa	caagaggaag	aattaaagaa	aaagttggca	aatgacccca	1140
gatggaagag	atacaggaga	tggatgaaga	atgaagggcc	tgggcggtta	acatttgtgg	1200
atgactgaag	attgatggaa	tgctactatg	ccaaacctta	attgtgatat	tattttcata	1260
actgaattat	ttagaaatg	tatcaattga	ctgctgctca	gcagtaacta	aaattcctca	1320
agtatttgat	taaacagaat	aatgtcaaaa	tttaaaccct	cccttaaaac	tttatacata	1380
agacatttat	gattgttcaa	tttttataat	ctatttgtgg	attttgttaa	aagatttcac	1440
atgaagattt	attagttgcc	atttaaaatt	tttatatgtt	tagttaaaag	atttgacatg	1500
aaaatctatt	agataccatt	taaaaatttt	aaaaaaaaaa	aaaa		1544

<210> 8673

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (259)...(833)

<223> similar to gi498721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8673

cttttttttt	tttctactta	tttcttgccc	tttttttcat	attgctcata	tttgagaatt	60
ttctaagcca	ttcacttctc	atatgcttta	cttcaagatt	ttctatatct	attttagaag	120
ttgtattgct	ttttgtacat	acaaccgtat	gatgttttta	ccttcttatt	tttcagacat	180
gcagtcgagg	tgtcagacca	agaagttatt	acaaaaaat	ggcatttttg	agagagaaat	240
agcccaattg	gaaataatga	gaatttgtaa	aaaccacagc	cttgactgtt	tatgttttag	300
aggtgactgg	gaaggcaaca	ctcagtttca	aacacttcaa	gataatcaag	aggaatgctt	360
caagcagggtg	atacgcacct	gtgaaaaaag	gcccactttt	aaccagcata	cagtgtttta	420
tctacaccag	agacttaata	caggagacaa	actgaatgaa	tttaaagaac	tggggaaagc	480
ctttattttct	ggttcagatc	atactcaaca	tcagttaatt	cacacaagtg	agaaattctg	540
tggagataaa	gaatgtggga	atacctttct	tcctgattca	gaagttattc	aatatcagac	600
agttcacact	gttaagaaaa	catatgaatg	taaagaatgt	gggaagtctt	ttagtttacg	660
ttcgagtctt	actgggcata	agagaattca	taccggcgag	aaacctttta	aatgtaagga	720
ttgtgggaaa	gccttttagat	ttcattcaca	acttagtgtc	cataagcgaa	ttcatactgg	780
tgagaaatct	tatgaatgta	aggaatgtgg	gaaggccttt	agttgtggct	c	831


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<210> 8674
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (208)...(456)
<223> similar to gi339486 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8674
ctccccacga ggccttcctg gcctcctgtc tgaagtgggt ccctttcctt actggtcctt      60
ctccaaagcc ctggctgcaa gactcgggga cccagcatc tgcacatctg gcagagtgga      120
cctcctatga gaaactgcctg agatctgagg agcccagagc cggaggagca gtaccgttgt      180
catggccacc atgacgggct ggtgcgggcc aactgccaac tcgccagagc tggtaaacac      240
tctgttggtta ccctaacta tcaagagcgc gcgcgccac aagatattac gtcaacggcc      300
gcatctattg ggacgcgacg taacagactg cgcaggcatc ttttggctgt tcccagcgaa      360
gacctgggac cttctggtca gaggccacgc agtatgggag cccgatcttt aggagcacag      420
cgcacatgaa caaaacatgt gacacgataa cgtcgggggtg cagcttacg                469

```

```

<210> 8675
<211> 1080
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (417)...(1080)
<223> similar to gi51481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8675
tttttttttt ttcaattata aatttttattt aagaatactg acttaacaca ggaaacagat      60
ttaattcatg gaattgtgca tatggtcatc cgttacattg tgacatgtta attttttttt      120
atcatttatt ggcactgtca acagattact tgtgaacaag atcactttgt acgcttaagt      180
ctgcgatgct acttagctat ggttttctac catgagctta tatatagata ggtgtaggta      240
tgtagataca ttaatgctat acacaatttt gcatgggttac tgagcgtcag taaaaattat      300
gaaaaaacac ccaattataa taaaagttag gatgtactaa gacttgctat tactggacct      360
tgttttctgt aaaagtgatg acacttgctg gacggttact aaactctatg gcactaatgt      420
atgatggatt catttccaga ctgtcggccg cggaagcact tcttcatggc ctctgccctg      480
gacagcagcc tgtectcggg gctccccatg tttttaccag cttctgctga gtttctacaa      540
tcttgagctc tgctgagaat tcttttcctt gaaattcttc tacctaaagc cccagccccc      600
aaaagagcat gtctcaggaa ctcatatgct cctgagtcaa caagaacttg ttgataaatg      660
gcttaaaagt ttttacaaga agtaacttcc cttggtaagg agtaaataat agctctggaa      720
ttttccagat aaaactattt catttctctg tcagtgcgcc atggggagag aacgaaatat      780
tggagccctt ctccctacca aagagagcca cttttctggt tgtgccctgg cttaaaaccc      840

```

tttgggtctcc	gagaaccata	ctgaatattt	gcaccaatg	ctaaagtttt	caggagaaag	900
catacttaag	ccaataaatg	aataatgggt	tggtttgc	tttgcttgct	tgttaaataa	960
ggccttattg	aaccttggga	tgctgcctgt	ggaaactggc	ttccccagtg	aaagatgtga	1020
tgccatgaac	tgatatgcct	ttgcatatgc	tgttccctct	ctgcaacacc	ctctcgtgcc	1080

<210> 8676

<211> 2702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1457)...(2441)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8676

aatcgatatt	catgtgcgtg	tggcgggaatt	ctatccagag	tcaggtgtca	ctactcaata	60
cacttggacc	cagcttcccc	aaaggttcaa	gaactcccc	accatctttg	gggaggcgtt	120
ggctcgagac	ctccagaagt	ttcccaccag	agacctaggc	tgctgtttgc	tccagtacgt	180
tgatgacctt	ttgctgggac	accccacggc	agtcgggtgc	gccaagggaa	cagatgctct	240
actccggcac	ctggaggact	gtgggtataa	ggtgtccaag	aaaaaaagct	cagatctgcc	300
gatagcaggg	cacttcaact	cagaaaagctg	aactcaatgc	tttcatttgg	gccttagaac	360
tcagtgaggg	tgagactgtc	aacacttaca	ctgattctcg	gtatgtcttt	ttaacccttc	420
aaagtgcattg	agtgtgatag	aaagaaaagg	gcctattgaa	ttctgggggg	aaagacagaa	480
aatatccaca	agaaatcttg	caatgattaa	aagcagtatg	gagacccccc	aaggtggcag	540
ttatgcattg	cagaggacac	cagcgagctt	ccaccttggg	gggttttagg	aattcccgtg	600
ctgactcaga	ggctcgaaaa	gcaccatctg	ccccattccg	ggcatcagtc	acagccccc	660
tgctccctca	agcacctgat	cttgtacctt	cttattctaa	agaagaaaat	gactttctcc	720
aggcaaagg	aggacaagt	atggaggaag	gatgaattcg	gttaccggat	gggagagtag	780
ctgtgccaca	gctgctagga	gctgcaattg	tactggctgt	gcatgaaacc	acccatcgag	840
gtcaggaatt	acttgaaaag	ttgttaggct	ggtatttcta	catctcacat	ttgtcaggcc	900
ttgccaaaat	ggtgacgcag	tggtgtgtta	cctgccgaca	gcataatgcg	aggcaaggct	960
cagccgttcc	acccggcata	caagcttatg	gagcagcccc	ctttgaagat	ctccagggtg	1020
acttcacaga	gatgtcaaag	tgtagagggt	atcgagtgtg	gatcaagaac	tggaacgtag	1080
cctctttgtg	tccactgttg	aaaggacccc	agactgtcgt	tctgagcact	cccaccgtg	1140
tgaaggtaga	aggaatccca	gcctggatcc	accacagcca	tgtaaaacct	gcagcgctg	1200
aaacctggga	ggcaagacca	agcccagaca	acccctgcag	agtgacctg	aagaagacga	1260
caagccctgc	tccagtcaca	cccggaaagt	gactggtcca	cgacggccg	aagcctgagg	1320
aagctcatca	tgagattcat	ttttcttaaa	ttttggactt	atacagtaag	ggcttcaact	1380
gatcttactc	aaactgggga	ctgttcccag	tgtattcatc	aggtcaccca	agttaggaca	1440
gcaaattaaa	acaatctttc	tgttctatag	ttattatgaa	tgtatggaaa	caataagaga	1500
aacttgtttg	tataacgcca	ctcagtacaa	ggtatgtagc	ccaagaaatg	accgacctga	1560
tgtgtgttat	aacctatctg	agccccctgc	aaccaccatt	tttgaaacaa	gattaagaac	1620
tagccttttc	ctaggtgaca	caagtaaaat	aataactaga	acagaagaaa	aaggaatccc	1680
caaacaaata	attttaagat	ttgatgcttg	tgacagccatt	aatagtaaca	aactaggaac	1740
agaatgtggt	tctcttaact	gggaaaggag	ctacagcgta	gaaaataaat	atgtttgtca	1800
tgagtcaggg	gtttgtaaaa	attgtgccta	ttggccatgt	gttatttggg	ctacttaaaa	1860
aaagaacaaa	aaggaaccgg	tttatcttca	gaagggggaa	gccatcccc	cctgtgctgc	1920
cagtcactgt	aacctactag	aactaataat	taccaatccc	ctagatcccc	attggaaaaa	1980

gggagaatgt	gtaaccctgg	ggaccaaagg	gacaggggta	aaccccccaag	ttgccatddd	2040
agttcaaggg	gaggtccac	agcaactctc	ccaaaccagt	gtttcaaacc	ttttatgagg	2100
agttaaatct	gccagcacca	gaacttctga	aaaagataaa	aaatttggtt	ctccaattag	2160
cagaaaatgt	agctcattcc	cttaatgtta	cttcttggtta	tatatgcggg	ggaaccacta	2220
tcagagaccg	atggccttgg	gaagcctgag	agttgggtgcc	cactgatcca	gctcctgata	2280
taatgggggc	ttgtccagga	tctcatcagg	actggatggc	tctcgctgga	ctatactgga	2340
tatgtgggca	gagagcctac	attcagttac	ctaataaatg	ggcagacagt	tgtgttattg	2400
gcactattaa	gccatccttt	ttcttattac	cgataaaaaac	tactgggtact	atctgtaaat	2460
tccagacatt	gtatgagaaa	gcactgtaaa	actttttggt	ctgttagctg	atatatgtag	2520
cctccagtca	cattcctcat	gcttacttga	tctatcatga	ccctttcacg	tggacccctt	2580
agagttgtaa	gcccttaaaa	gggctaggaa	tttctttttg	ggggagcttg	gcactcttaag	2640
acatgagtct	gacaatgcta	ccggccaaat	aaaaacatat	aacttcttta	aaaaaaaaaac	2700
aa						2702

<210> 8677
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(628)
 <223> similar to gi57718 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8677						
taaatgacag	atgataacctt	gggttgggag	gggtcctgga	agtggactct	tccacagtgg	60
catcaggggt	aggggtcaca	gtgggtggta	ggaccagagc	tgaggtcaca	gagctcctgg	120
aggcaagatt	aaggacaaag	agtggctccc	catcaccaag	ttgggccatc	tgggtcaagga	180
catgaagatc	aagtccttgg	aggagatctg	cctcttctct	gtgcatcaag	gaccagggtt	240
aaggcatttg	tcaccattga	ggactacaac	ggctatgttg	gtctgggtgt	tagtgctcca	300
aggaggtagc	cagcaccatc	catggggcta	taatcatggt	caagctcttt	atcctccctg	360
tgtgaggaga	ctactggggg	aacaagatta	gcaagcctca	cactcacact	acctaccctt	420
gcaaggtgac	tggcagcctg	catctctgtg	ctgggtggcct	catccctgcc	tccaggggag	480
ttggtactgt	cttgccccct	gtgcccagga	acctgctgct	gatggtgggt	acccaccact	540
gctgcacttt	gactggggac	tgcgctgcta	ccctggccaa	ttttgccaag	ggacctttga	600
tgccatctcc	aagacctaca	gctatttc				628

<210> 8678
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(357)

<223> similar to gi1335198 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8678
actggatcca gtagcatatt aaaaggatta tccaccacta ccaagtgggc tttagcctaa      60
gaatacaatg gtggttcaac acatgaaaat caatgtaata caatgtaatc atattaatag      120
aatgaagggg aaaaatccca gaatgatttc aattcatgca gaaaaagcat ctgaaaaaat      180
agtaataatc ttttaagata aaaacactca acaaatgagg aaaggaaggg aacttcttca      240
aaatgataaa ggacatatat gataaagcgc acagctaaca tcttactcaa cagtaaatga      300
ctgtttactg actgaaagtt ttcccgctac gatcatgcat gagacaagaa tgctgctctc      360
actacttccg ttcag                                     375

```

<210> 8679
<211> 1293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (294)...(1293)
<223> similar to gi456886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8679
gtatttttga aaaatggtaa agaagtgcag agtcaagtca tagcgactaa taatgggtta      60
ttttcttaaa ttgtatgctt atgttaattc tcacagtctt tttgtttggg tctgtgacag      120
atcttacaaa agatctttta gacctatgat tcttaacaaa attaaagaat taagtcggaa      180
ccaatttccc acaatgtctc atctaagaaa ggactcacag gccagcagcc caggagatga      240
cgcaatggac aggagtgggc tccctgacct tcaaggaaga tttgagctat ctgggaaaaa      300
caagacagta tccactggat gcattggaac cccaaccca gcattgggga tattaaggac      360
attaaaaaag cagccaagtc tatgctagac ccagcacata aatctcattt ccaccctgtg      420
accccaagtt tagtattctt gtgtttcata tttgatgggt tacaccaggc attactgagt      480
gttgggtgtg gcaagaggtc taatactgtg gttgggaatg agaacgagga aaggggtact      540
ccttatgcta gcagattcaa agatatgcct aactttattg cccttgagaa gtcacagtt      600
ctccgccact gctgtgacct tttgataggc gttgcggctg gatcaagtga taagatttgc      660
accagcagtc tccaagttca gagacgattc aaggcaatga tggcatctat tggaagactt      720
tcacatgggt agagtgtga tctgctaata agctgcaatg cagaatcagc cataggttgg      780
atcagctcaa gaccgtgggt tggagaatta atgttcacat ttctatttgg agactttgaa      840
tcccctctac acaagctacg caagtcaagt tagttgccaa gaaagcacag atgacaacct      900
attaatgctg tgagaatgtt tctagatcag tgcattggat gctccattgc tctacgggcc      960
attgtgtctg agatcccagt ctttgaggag aaaaaaaaca atgggttaaaa aggcattggg     1020
gaaatatttt gagtttgggg gtgtactttg ccacccattt attggggagc tgtcaccacg     1080
aatgttccca aacttagcaa cagcggcaaa ctactgggcc aagatgagca accccacatt     1140
tttgggattt aaagctcctg atgttatacc aggatcaacc atcacactcc ctttgcttcg     1200
aatggcatct accccgtaag atcttgaggg gggagtgttg ggtggaatca tagatccatg     1260
cactcctaac atgaactaat tctcattatt taa                                     1293

```

```

<210> 8680
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(385)
<223> similar to gi501027 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8680
gaggaaggag aacagtgggtg gggctgggtg aaggaagggtt ccagaaagga acagtgaggg 60
gactgagtgg gacaaagggg cagattgaag ggtgactgag actgatcagg tggttcctca 120
gaaatgggtg ttgttgtaga aggctggcgg tcccgggggt tgtgtttcta ttcattcttt 180
gtttttaagg taagtctcgc ctcttcttgc tagttttagt gtgtttttgt gctttaatgt 240
ttgttttaat gttatgtttt ttattgggtt gtgctcttct ttttttctcc ggtatattat 300
tttgatgtgt ttgtattggt ttaggtgtat ttgtgctact gttgtctgtt acttctgtgt 360
gttttttggg tgctgtattc tct 383

```

```

<210> 8681
<211> 1002
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (166)...(1002)
<223> similar to gi220525 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8681
tttcgtctgt aactgctcct cactgcgtta cccagtaatg cgctgatcgg gggagggggc 60
ggggggggccg gggagcgagc gggagagcga gccgacttgg aaatgtgaac gcaagaagca 120
ggcttgattt ttttttctcc ccccttctct ctctctctct ctctctctct tctctctctc 180
ctctttctcc tctctcacc acactcacgc acacctccaa accgcacacc cagacgcaca 240
cgcatacccc agcgcccggc agttatgtat tctccgctct gtctcaccca ggatgaattt 300
catcctttca tcgaagcact tctgccccac gtccgagcct ttgcctacac atggttcaac 360
ctgcaggccc gaaaacgaaa atacttcaaa aaacatgaaa agcgtatgtc aaaagaagaa 420
gagagagccg tgaaggatga attgctaagt gaaaaaccag aggtcaagca gaagtgggca 480
tctcgacttc tggcaaagt gcggaaagat atccgaccgc aatatcgaga ggattttgtt 540
cttacagtta cagggaaaaa acctccatgt tgtgttcttt ccaaccaga ccagaaaggc 600
aagatgcgaa gaattgactg cctccgccag gcagataaag tctggagggt ggaccttgtt 660

```

atggtgattt	tgtttaaagg	tattccgctg	gaaagtactg	atggcgagcg	ccttgtaaag	720
tccccacaat	gctctaatac	agggtctgt	gtccaacccc	atcacatagg	ggtttctggt	780
aaggaaactcg	atttataatt	ggcatacttt	gtgcatgcag	cagattcaag	tcaatctgaa	840
agtcccagcc	aggccaagt	acgctgacat	taaggaccag	ccagaaaatg	ggacatttgg	900
ggcttccagg	gacagttttg	tcacattcag	gtgtttttta	gtgtcacttg	agcttagtta	960
agagtgtcac	agacccccat	cgccgccgga	ccggccccaa	ct		1002

<210> 8682

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1575)...(47)

<223> similar to gi4960163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8682						
agaattcaga	aggcctgtca	ggtgaagtct	tcagcctccc	acagcgagcg	gtcccagcat	60
ctccacgcgc	gcccgtggga	ggtgggtccg	gccggagagg	cctcccgcgg	acgccgtctc	120
tccagaactc	cgttccaag	agggagcctt	tggtgctttt	ctctccttaa	acttagatca	180
aatttttttg	tttttaatac	gttatcttgg	gaacttaacc	tggccctca	cctcttctgc	240
accccccgcc	cccgaactg	tctcgtaatg	aatttctgct	gtcctcctgg	gagtggacgg	300
ccgggtcccg	tccccggga	gcatcgctcg	gctcagcacc	ttggctccca	gtggggggccc	360
cgtggagggc	gcccgtagt	ataagcacac	cggcagcaac	gtcaggtcca	ttcctcgaag	420
tcggagccct	cactctgccc	tgtcctgggg	ctggctgagg	gcgaacgccc	cacctcactt	480
tctagagccc	tgtctgtcct	agctcctatc	tgacctgtg	tgtaaatacg	tacatctggt	540
tttaaagtgg	atgggcccct	gagaactcag	tgaaatgcag	agttctccat	gcacctaaag	600
ctcctttgtc	gctctcatgg	ctgtcagatc	ctggctccctc	cacactgggt	gctggggagg	660
gaggaccctc	ggggctaccg	cgcgcccccc	catcccacag	atcaggagcc	aaggagggag	720
aacagggcag	cctgtgggac	tctaggatgc	ttcagaagaa	gcgacggcac	cgtcaaccct	780
ctgtttttta	aaggtggttg	gagactgtta	acactgagct	cattgacttc	tagagatttt	840
atttttactg	gttgatctct	tgggtggttt	caacttcctg	ctggaaacta	gaggtggggc	900
acccccacc	ccccagcctc	gcactgtgtc	cttggggagg	gcccccccc	atcctggccg	960
gtgtcactgt	ggccccggcca	ccctgagcgc	cccagctccc	tacctcctgg	acgtctctga	1020
gagtccaggc	agagcagagg	gcagcgctcg	gccggtcatg	ctggctccct	tggccttgca	1080
gcgagccct	ggcccacgcc	gagcgaggga	tgcttctccc	tacagcatgt	ccactcccc	1140
ggcatggcca	ggtggggccc	ctggggcaat	ggcagtggta	gaacgctcaa	cttgggtgcg	1200
gtaccatcag	cccacctgca	tttggctttc	gacttgcttg	ttctaagtca	cagcgccctc	1260
attttttttag	caaggtaaaa	aaacaaaaat	gggtgtttatc	tctgatattc	tgaaccagc	1320
gttctgaata	gaggtaggtt	gagttttcta	ggggaaaaca	aatggagaaa	agaggcatga	1380
agaaaagtaa	accgagaaca	taattaggca	tcgggcctaa	gtgtcctggg	gagattggag	1440
gggacggcag	cgttctgcat	gatggaggcg	ctgccgggcc	ccgggtctgt	gggggcccgtg	1500
ctctcagggc	gtgtgcggga	cgccacctgt	gcacacctgc	tcagagcacg	gctcctcgca	1560
ggggtgaagg	ggcagaccaa	cgaaccaga	tgagaccaac	gacaccatgc	gagacacgct	1620
tgcagacact	gttgttttgg	aaatgtgctt	ccctccatct	gaaatctcat	ccctccaccc	1680
gcccactcgg	gcagctgtgc	tgtgggcagg	gcagcgctc	ccctggctga	gcaccccaga	1740
gatttctctg	caccttctc	atgccgcacg	ctgctcatcc	gtctccatgt	gtgttttagat	1800
ccatgccatt	cactgactca	ctaaccacct	caaaatcttt	aaggaaaaaa	gctgaagggg	1860

acgaccatgc	acatatgtga	cctggaaaat	gcaaatttag	atcttttatg	atttaattgt	1920
tatttggttt	tccccatagg	gaggtttccc	ttccctttgg	aaattaatat	ataatgtata	1980
aattctggca	ctgagccatg	gcggagctgg	gcagccccta	ggtttagagt	gagacggagg	2040
cccaggcgca	ggggtcacac	ctcatctggt	ttccttccca	tctcacagct	tagcttgtgc	2100
ttctcaacac	caagtcttta	agagcaataa	aaactacacc	atgaaatggt	tgaatttttt	2160
ttttttgggg	gggggagggt	ggattttgct	tttcatccag	aaggaaaagg	ggaggagagc	2220
tcctttacat	tttttaaatt	aaattcataa	atcccagctt	aggcccaggc	aacagcagcg	2280
tacgcttttc	aaagatcatt	gagttgtctt	agaatttgaa	gctgtgtaat	gacaatgtca	2340
cctggagttc	gtctccattt	cttaactttt	tgttgacaaa	gtatttggac	agaagtgcga	2400
ctgtgaatga	gatactgaaa	tgcactaaat	tgtattacat	taaactggag	ttacttgata	2460
caatgaagaa	atgcatctga	tctacttgta	tttattgtct	cagaattgta	cgttgtgaca	2520
atcaaagtgt	acttgcctaa	atgccaggaa	attcaactgg	ccttttaatc	agcaagatcg	2580
ccagcaagta	ctgtaactgt	aaaggaaaat	ctctctctct	ggagaaccca	cacaaacccat	2640
tgacctgagt	gcgcatgaca	gccactggct	tctttttcta	tgattgaaaa	tctgccatcg	2700
ctgactgttg	gccagtttca	aagggaacca	ttgtatacag	ggtgcaaagt	tattatacgg	2760
atgtttcctt	ttgtacactt	cattttttaca	agttttgcta	ctcacaagct	ttatgtagt	2820
gaggatagag	gtattttttg	tcttttagaag	cttgctgggg	tgagggctgc	taacttacac	2880
ttcagaggcc	tgtgtcccaa	aggcctggct	gcgtttgccg	tgctgtgcga	ggacctgtgt	2940
acacaggcag	gtgtgcgcct	gcccagagcg	gagtagctct	tgtgtagtgg	tgaaatgctg	3000
caggcatctg	tttattaaaa	ttgctgctgt	gaaagacagg	gataaaatat	ccacaatata	3060
agagaaagcg	actccgtgcc	tccttctgtt	tcttcgtttc	cagtctgcat	agatgtctcc	3120
aaggggaaac	cagggccacc	aggcactcct	gtcccatggg	gccaccacc	ttcagagccc	3180
actcccacgg	gctctgtttc	cttgagggcc	atcctgccga	tggcactttt	caaggccctc	3240
ccttccctac	gagttgtctt	ctgggagggg	aaattgaaaa	ggagagcggt	cacctggcaa	3300
aaacacaggg	gaaatcagcc	agtccacaaa	aatacgcaaa	atgacctgat	gatgtccaaa	3360
aaagggtttt	aaaagcgatc	aaggacaaaa	gggtt			3395

<210> 8683

<211> 1056

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (759)...(1052)

<223> similar to gi5816699 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8683

tttttttttt	ttggagagaa	ggataagcca	tttattaacc	ccaagccctt	agcaccagct	60
gtcaccttgg	acttgttgga	gatgcagggg	ctagaaaagga	aatgacagag	tgtacaggcc	120
ccttcgacct	cgtgtcccat	aggtggtggc	ccccagacac	accctctctg	ctggcagtg	180
agaacatgca	tcccaatacc	ctagaggaga	aacaccaccc	cagggagagc	cctttctgct	240
ccaacctcct	gggcaggtcc	caggttgggg	cagcagccat	ctgcaggtgt	ttgtcaggcc	300
tggccacaca	tgcggacaga	ggatacgact	gggttaccct	aggtgtggg	gagggtcggc	360
ctggggctcag	ggggcatgaa	ggctgtgttc	cagactcctc	ctgcccccaa	tcctctgtgc	420
ccctgctgga	gctctcctag	cttctctgat	ctgtgtctct	gtctttgggg	agctgccggg	480
tctccaggaa	gagccagagg	ttgttgcatt	tctccgactc	cactctcgtc	accccgtagc	540
tgaccacaga	gcctgcaacc	acggccacta	ggaggctcca	ctgcaaaggg	tatggaaact	600
tcctctgaat	gaacatctgc	aagccaaagg	ccatgcctgg	gcctgtgacg	aaggtgaaaa	660

cgcccttcat	gaaggcgtgt	gactggcatg	cggcatactc	cccagatccc	tggggtggca	720
gaggcgggtg	aaggctcgat	cccctgccct	cttccttcac	cgcctctcct	gtccctcctc	780
tgggcacacc	ctggctgtgg	aggagtgaga	ccctgggcgc	ttggacacgt	cccacctccc	840
ctatgccac	ccggacgccc	tgagcccctt	agcaagagag	tgcccccagc	ctccgccact	900
cttccttgac	gagggcaccc	ccacgccccg	gccccccgcc	tcgctcaggt	cagcttctgg	960
ggtttgaggc	ccgcgtccca	gaccggcctt	ctcaccgggt	gcttggcagc	cacggcgtcc	1020
tccaccggg	acagacccaa	gttcaccatg	gttggc			1056

<210> 8684
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (111)...(407)
 <223> similar to gi5870129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8684						
tcgtgagttg	gagccactta	gggcggagaa	ggcctgggcc	gaggccgctc	ggcctgggcg	60
ggagagaccg	ggaccttggc	ggttaggctt	ggcatggggt	cgaggaaaag	acggtggtca	120
agagcagcat	gatgctgcag	catattgatt	acaggatgat	gtgcattctg	catgacggcc	180
gtatctttat	tggcaccttt	aaggcttttg	acaagcacat	gaatttgatc	ctctgtgact	240
gcatgagtt	cagaatgatc	aagccctaga	acttcaaaca	agcataaagg	gaatgagaag	300
cgatcctcg	gtctggtgct	gctgcgaggg	gtgaatctgg	tctcaatgac	agtagaggga	360
cttctccca	aagatactgg	gattgctcga	gtttcacttg	ctggagc		407

<210> 8685
 <211> 1869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (652)...(1849)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8685						
tttttttttt	ttatgacaaa	agtgtttaat	gctccataat	gtgcagcttc	taagtgaaaa	60
aggcccgtaa	atcatccacg	ggccgtacat	tctcatgaca	gagcagccgc	cctcctcggc	120
cccccaagag	ggaggcatag	gcagggagtg	ggccctgtga	ggcacggtcc	tgagtgtgcc	180

cgccaggaac	gcacacgtgt	tagtgccac	atgaaacagg	ggtggggcgt	gacatttaca	240
caggagagaa	ccacagacac	ccatgtgagg	agacacgagg	ggcacagggtg	accatggggc	300
agggaaacacc	ccagtccatg	catggctgaa	tccacgagga	gcgcgagctg	gatgggtggga	360
gtcacgcggt	aacgggctca	ggtctcctag	gagcagaaca	ggcccagggtc	ctcaggagac	420
ctcgtgcca	gggcagcggg	acagacctga	gcctgcccac	gagaacttga	gtgtgcaaac	480
ctgcgcacag	gtgtgagaac	agactccagg	gagagtgttt	aaggagaaga	cacagacaca	540
cataagaccc	acttagtggg	gaatttgga	gaccccagg	aaagggtggg	aggcccagag	600
cagcaagtag	aggggagtg	gcactctgtc	ccgggactcc	cataggctcg	gcagggccag	660
agacagcctt	gggggtgaga	ggccagagcc	aagggccctg	catctgagag	tccaagggtc	720
taggaaggct	cagggtgga	gggcccagct	tcaccataga	caccagggtc	cacgctggct	780
tggggagaag	gtgcaggtat	cagatgagcc	tcaggcctca	ctgctgctgg	ggcagcctct	840
gctgctgccc	cactccaccc	acacgaggcg	ggcctgctcc	tgcaggatgc	ggccgcgcac	900
caccttgccc	agctcctctg	cgtgtcccca	ctcatgggcg	ggcacctgca	cccaggagca	960
gggcagcccc	cagagcacct	gctctgagcc	acggcactgc	cgcagcagct	ctgagtccc	1020
ccagcccggc	cggcccagca	gacccctgac	ttcccggaca	ttcttctcag	tcacctccac	1080
gtggatgacg	atggggtaga	tctcgttctg	caccagctcc	cgcacacccc	gagcacccag	1140
ctccagcagg	cagtgttct	gcttcccaac	agactcctgg	atggcccggg	tcctgctgcc	1200
tagcccagg	gtggcaggct	gagcctttgg	gggctccagg	cgtgaggat	gggcacagtt	1260
cctccccaga	gaggctttcc	gctgggcaca	cttggaagtc	cagccgggag	ctgggcagg	1320
ctagcagggt	acggatgagc	cggggcgcca	ggcactcagg	caacagcacc	acgggcccga	1380
gggcagacac	cagtagcggc	cgcaccaaac	tgtagggtct	gaggctccgc	tccggctctg	1440
cacagggtc	cagcagcagc	tgatccgggg	agtcccctgc	aggcgcccc	acgggcttgg	1500
gcctcaccag	ccgcagctgg	tccagggtc	tcttcttcag	attactgcgg	gggcctcggt	1560
gccggctgga	gggcaggcat	ttctcctgaa	cttctaggag	ctgctgggct	ctctgataat	1620
tgggcacgg	gccccgggtc	aggtcccga	gagtggggg	gtcaaccgg	gtgcagaacc	1680
attcctgcct	ccgcttgat	gccgagtcca	ccagtccaag	gatctcttgg	gctttcacgc	1740
aaagggcag	gggatctgcc	ctctcaggca	aggtgaggtt	ggcacgaatg	tagaagggt	1800
cggcacctgg	tccctttgcc	caggcttcta	gggcctcgtg	gaaggactgg	caggccttcg	1860
agtccatca						1869

<210> 8686

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(736)

<223> similar to gi3005599 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8686

cctgcctctg	gtcggttcct	ggcgctctgc	gtttcgtgac	cttgtccagt	agaaggctat	60
ttaattttca	caactgcttg	aattttgaca	tacaagatga	agcaagatgc	ctcaagaaat	120
gtgcctaca	ctgtggattg	tgaagattat	gtgcatgtgg	tagaatttaa	tccctttgag	180
aattgggatt	caggaaacct	aattgcatat	ggtggcaata	attatgtgg	cattggcacg	240
tgtacgtttc	aggaagaaga	agcagacgtt	gaaggcattc	agtataaaac	acttcgaaca	300
tttcaccatg	gagtcagggt	tgatggcata	gcttggagcc	cagagactag	acttgattca	360
ttgcctccag	taatcaaatt	ttgtacttca	gctgctgata	tgaaaattag	attatttact	420
tcagatcttc	aggataaaaa	tgaatataag	gttttagagg	gccataccga	tttcattaat	480

```

ggtttggtgt ttgatcccaa agaaggccaa gaaattgcaa gtgtgagtga cgatcacacc 540
tgcaggattt ggaacttgga aggagtgcaa acagctcatt ttgtttctca ttctcctggc 600
atgagtgtgt gctggcatcc tgaggagact ttaagctaa tggttgcaga gaagaatgga 660
acaatccggt tttatgatct tttggcccaa caggtatatt tatctcttga atcagaacaa 720
gtgccattaa tgtcagcaca ctggtgctta aaaaacacct tcaaagttgg agccgttgca 780
ggaaatgatt ggttaatttg ggatattact cgggtccagtt atcctcaaaa taagagacct 840
gttcacatgg atcgagcctg cttattcagg tgggtccaaa ttagtgaaaa tctgtttgca 900
accactggtt atcctggcaa aatggcaagc cagtttcaaa ttcattcattt aggacaccct 960
cagcccatcc tcatgggttc tgtagccgtt ggatctggac tgtcctggca tcgaactctc 1020
cctctgtgtg taattggagg agaccacaag ctgttggttt gggtgactga agtataaagt 1080
gttttctgta ctttacattc acaaactttg tatttttagt acatatattt aagaatttct 1140
atagtacata ttttgaagaa tttttatata aaatataccg tatacttttag aaaatgtctc 1200
agttgctttt attaaataaa atgttgatgg tttgaaaaat taatt 1245

```

<210> 8687

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(387)

<223> similar to gi804809 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8687

```

cacacatttg atcattcaga ggataaaatg aacaatttct tgaaagacac aaaccaccaa 60
aactcagtca tggagaaatg actgatgtga acaggcttac atgtattaaa taaattgaat 120
cattaataac ttcccagaat agaaaacatc aggatgaggg tttcacactg gtgaattctg 180
gcaaacattt acggacaaaa cgatactagt attctacat ctcttcaga aaacaaacag 240
tggggatact tcttaactca atctttgagg ccagcacttc cccaatacca aaattaaata 300
aagacatcat aagaaaggaa aattacagac taatatgtct catgaacatg aatacaaaaa 360
tcctcaacaa aacattatca aatc 384

```

<210> 8688

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (250)...(356)

<223> similar to gi4379026 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8688
ctttgatatc agagtaatgc tgccttcata aaacgagttg ggaagtgttt cttcctcttc      60
tttttctgga agaatttgag aaggtttgat gctaattctt ctttaaata ga ttggtggtat      120
tcaacagaga agccatctgg ttggactttt cttagttggg aaatttttga ttcattggttc      180
aatctcttta cttgttatag gtctggtgag aatgttaatt tcttcttgag tcagtttagg      240
taatttcagt attttttagga acttgttcat ttcattctgag ttatctgatt tgttgtcaca      300
caattgttaa tatttttata atgcatttta tttctctaaa gtcaacagta atgtaccca      359

```

<210> 8689

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(371)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8689
gcaaatgttt aaaacttaag cacaatgag taggagaaag gtacaactac agaaaaccac      60
caaaacacaa tgccaatcaa gaaaagagaa aggagcaaaa aatatagaaa agaaccacaaa      120
acaattgact atatgacagc atcaaaatgt tatatatata taaccaccta gaatataaat      180
gaattaaact cttcacttaa tagatataga ctactgaat gaattaaaaa aatgacttaa      240
ctatttgctg tctacaagaa atgtacttta cctgtaaaga cacatataga atgaaagtaa      300
agggaatgga aaaagtctac tcaaatggaa actaaaagga agccagagta gctgtgctta      360
catcagat

```

<210> 8690

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (421)...(723)

<223> similar to gi5824553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8690
accgctgagg acgcggaacc gccatggcgc ggaagaaggt gcgtccgcgg ctgatcgcgg      60

```

agctggccccg	ccgcgtgcgc	gccctgcggg	agcaactgaa	caggccgcgc	gactcccagc	120
tctacgcggt	ggactacgag	accttgacgc	ggccgttctc	tggacgcggg	ctgccgggtcc	180
gggcctgggc	cgacgtgcgc	cgcgagagcc	gcctcttgca	gctgctcggc	cgcctcccgc	240
tcttcggcct	ggccgcgctg	gtcacgcgca	agtcctggct	gtggcagcac	gacgagccgt	300
gctactggcg	cctcacgcgg	gtgcggcccc	actacacggc	gcaagtgcgt	gcaccccgtc	360
cgcaccccga	ccctgcagcc	ggctgggtctc	cccgcctccc	ctcctccctg	caggtttgcg	420
tggetgaggg	tcccacctcc	tgacctcggg	ggccgagagc	tttgcgagct	gaccccgtt	480
gcttatggct	ttgcacaact	tggaccaacg	gaaggcctgg	ggcatcctga	ccttcaaagg	540
gaagactgag	agcgaggcgc	gggagatcga	acacgtcatg	taccatgact	ggcggctggt	600
gcccgaagcac	gaggaggagg	ccttcaccgc	gttcacgcgc	gcgcgggaag	acagcctggc	660
ctccgtgccc	taccgcctc	tcctccgggc	catgattatc	gcagaacgac	agaaaaatgg	720
agacacaagc	accgaggagc	ccatgctgaa	tgtgcagagg	atacgcatgg	aaccctggga	780
ttaccctgca	aaacaggaag	acaaaggaag	ggccaagggc			820

<210> 8691
 <211> 2077
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1086)...(1976)
 <223> similar to gil911490 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8691						
tagacctgaa	cgttccttg	ggttctggga	ggatggttga	ggtcttctgc	tgatctctga	60
ttttctgggt	cttgtgtgcc	tcccagaacg	tgtgggctgt	gttgatctc	tacgggccag	120
tccggtgttg	tgtcaattgt	cagttccacg	agactggagg	agtcagaagg	caccagccct	180
ccttccccca	gttcagacac	cggcagttag	ggcgaggagg	atgacgaggg	cgaggagcat	240
ggcctgggag	gccagaatga	agtgggtatt	ataccaccca	ccctcgagtt	cctggagaac	300
catgggaaga	atatectttt	gtctaattgg	aaccgtacgg	tcacacgggt	ggccagctac	360
aatcagggga	tcgttgtcat	caaccaacct	ctggtgcccc	agctgctggt	gcaggtgcgg	420
atagatttcc	taaaccgaca	gtggacatct	tcccttgctc	tgggagtcac	cacctgcgcg	480
cctgagaggg	tcaacttccc	tgcttctgcc	tgtgccctca	aacgggcagc	ctggctgctg	540
cggggccgtg	gggtcttcca	caacggctct	aagatctgcg	agaagtttgg	gcccattctg	600
gacacgtgcc	ctgaaggcac	catacctggga	ctgcggctgg	acagctctgg	ggggctgcat	660
cttcatgtta	atgggggtgga	ccagggggta	gctgtgccag	atgtgcccc	gcctgccat	720
gcgcttggtg	acctctatgg	gcagtgtgag	caggtgacaa	tcgtgaacct	tgagccaggg	780
gctgccagtg	ggaaaagtgc	tggaaaccaa	ggggacatgg	agaaagcaga	catggtggac	840
ggtatcaaag	agagtgtgtg	ctgggggtcca	ccacctgccg	ctagtctctc	aaagagctgc	900
gagtaccatg	ccctttgctc	tcgcttccaa	gaactcctgc	tgttctctga	agattatttc	960
atgcctccgc	caaagcgaag	cctgtgctac	tgtgagtcct	gccggaagct	gcgaggagac	1020
gaggcccaca	ggcgagaggg	ggagcctccc	cgggaatatg	cactgccctt	tggctggtgc	1080
aggttcaacc	tcagagtga	tccccgcctg	gaggctggga	cactaaccac	gaagtggcac	1140
atggcatatc	acgggagcaa	tgttgccgct	gtacggagag	tgctggaccg	aggggagctg	1200
ggagcaggtg	ctgcctccat	cctgagctgc	cgctccttga	agggagaacc	tggggtaggg	1260
ttcgaggagc	ctggcaagaa	ctgtgcacct	cctcgggagg	agcagccccc	tcctgtgctg	1320
ctttccccct	cccttcaata	tgctggggcg	gagaccctgg	cctccaaagt	gcaattccgg	1380
gaccccaaat	cccagcggac	gcaccaggct	caggtggcgt	tccaggtgtg	tgtgcgcctc	1440

ggctcctaca	ccccgggacc	cccttccgct	gcccttggag	aacctcctga	ccctcacttc	1500
agtccagccg	aacttgagtg	ggtcactaag	gagaaggggg	ccacactcct	ctgtgccctg	1560
ctgggtacggg	tggaatgagg	ggtgagacac	cactactaca	agcacagtcg	ggccgcgggc	1620
ccatggactc	tgagtggcga	ctgcctccac	ctcattcccc	tgactcgtgg	catgcgcagg	1680
tgctggagct	tggcagccgc	gcaggagcat	gtaggcaggc	tctcagatgt	aggtggcaag	1740
tggcacagct	ccatgtccgg	aggcccagca	ctccgtctga	tgggaggagc	cgtgggagcc	1800
cagctccagg	ccctggtacc	cctcttcatg	cactgatttg	gggaacatga	ctccccttta	1860
ctcccctacc	ccacatcact	taatttatatt	ccgtttttgt	ttctggttac	tgtgaatccc	1920
agaggagtct	ctccctgtgc	ccacatgaag	ctgctttttc	cggggccacc	gggcgggagt	1980
ggggaagggg	gggcgcacgg	aagatggggg	cctctgtaca	gttggtactg	actctgattt	2040
ctaaggagcc	aataaacacc	gtctcagaaa	aaaaaaaa			2077

<210> 8692
 <211> 2122
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2123)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2095)...(2122)
 <223> similar to gi451544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8692						
ggttgtgcgc	gcaaagccgc	gcggggctga	gggtcttgtt	ctgccggcgc	ctgtccggac	60
ccggggccct	ctccgctttc	ggccggcctc	gggcaccggg	cttctggagc	tcccggagcc	120
ctgcctgttc	cctgaccatc	caggccagca	gctgaaggag	cctcacctgc	ctcccctctc	180
tgagtagcac	ggatttgagg	agaagcagcg	aagatgtcca	gcgagcctcc	ccctccttat	240
cctggggggc	ccacagcccc	acttctggaa	gagaaaagtg	gagccccgcc	caccccaggc	300
cgttcctccc	cagctgtgat	gcagccccct	ccaggcatgc	cactgcccc	tgcggaacatt	360
ggccccccac	cctatgagcc	gccgggtcac	ccaatgcccc	agcctggctt	catcccacca	420
cacatgagtg	cagatggcac	ctacatgcct	ccgggtttct	accctcctcc	aggccccac	480
ccacccatgg	gctactaccc	cccagggccc	tacacgccag	ggccctaccc	tggccctggg	540
ggccacacag	ccacagtcct	ggtcacctca	ggagctgcca	ccacggtgac	agtgtctgac	600
ggagagatct	ttgagggagc	gcctgtgcag	acgggtgtgc	cccactgcca	gcaggccatc	660
accaccaaga	tctcctacga	gattggcttg	atgaatttcg	tgctgggttt	cttctgttgc	720
ttcatgggat	gtgatctggg	ctgctgcctg	natccccctga	cctcatcaat	gaacttcaag	780
gaatgtgaac	gcacacatgc	cccagctgca	aagcctacat	ctacacgtac	aagcgctgt	840
gctaacggag	ctgggactcg	ggactcccc	gcctgtcagt	ctggccccct	gtgctttgct	900
ccctgcgctc	agtggtcact	ttcccgetcc	cacttggggc	tgggagccgt	gccaccatcc	960
cctagaagtc	ctgtectctt	cacctgccc	tacctgagcc	gctgactctt	ctggcaaaaa	1020
ttctgtttgg	atttaaggcc	aagggtcagt	gggtggcagg	gggctggcaa	tgagcttgtg	1080
tgttgtttgg	ctgcttgggt	tgtgtgatcg	ggaagataag	ctgggagggg	tctcctgctg	1140
gggtcctgat	gcctctgttt	ccaaacaagg	tacaggttca	gtccagactc	tttccccctg	1200
ggaccaacag	cagccagagc	agttagccag	ttagtcccca	ggcctgtggc	cacaggcgtt	1260

tctgacctgc	tgggccgaga	atgggtaagt	tgtctggagt	caggtgggcc	cacgtaggac	1320
agggtcacaa	agcctgggtt	tgtttctggg	tactttgcgc	ctttgggggtg	ctagagggtg	1380
ggcatgggtg	ctggaagtaa	aactgccaac	tctggccctc	agaactctca	ggtatagaag	1440
cccaggatgt	ctaataccct	gtcccagtgc	ccgagagctg	cctgggtgtca	ggtagagagg	1500
acactgtacc	tgggtgaatg	atcagaccct	ggtagctaag	aaggaacttg	tccctttgag	1560
tcagtgtgca	gacccccctt	caggccatgc	ctctgtgaac	cctgtattgc	tggggccgga	1620
aggagccccct	gagcctagcc	ccttcccgtc	tgccctgtgt	cctcactgog	tgtgggtatg	1680
acctctgcct	gggtggctgg	gtatcccaac	tgggcaagag	atggcagagg	gtcccccttg	1740
tgggtgcgct	tggatgtgca	gagccttctc	catggatttt	cttccctgta	agtgccgggc	1800
ccctcacccc	agctgacagg	ctgttgcctg	gcctgctcac	acctgctcct	gcaggcacac	1860
tgggctaggg	acgaggaagg	agcagccaca	agtggtagaa	ctgccttggg	ggacaccagc	1920
ctcgccctgt	ctttatttcc	tgaatggttt	gtgaacttgc	tcacctggac	cactgtatcc	1980
tgccactgtc	cttcctggtc	tcgcaactgc	actgcatggc	ctcctgtcac	tgtgaatcgt	2040
ggcccagtcct	cagtttgtag	tttctcatta	aattggccct	ttcactcccc	cgccctggga	2100
aaaaaaaaaa	aaaaaaaaaa	aa				2122

<210> 8693

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(398)

<223> similar to gil857137 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8693	
actgagacga	ataatgaact taattatcca taaagacatt ctggttagaca ttccagctaa 60
taagggtacg	catgatgaat ggacaaggcc cgacccccacg aggtatcgat gatgaaatta 120
catgctgaag	aatgcctagt ggcccgtata tcatggacat agggcatgat gatatgggag 180
actcagacac	gaacactaag ccttctccaa aatttgctgc tctggacaga aagctatctc 240
acggctactc	agcacatccc ttacagaact catcacactc aaaatctcca atgaacactc 300
acccaaactc	cagatccgga gtcataattta cctgagggca gtgagtgaag cctccatcaa 360
ccggagcctg	gacagcctgg aacctgcagg cttgct 396

<210> 8694

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(567)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (341)...(566)
 <223> similar to gi4098124 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8694
cccacgcgtc cgcagcaaag ctccatctgt cggcagagga gaagggggag gaggcacggc      60
cgaggcaaac gagcggacgc ctcgtcgccc ggtgccggta tcaccccgtc gcaacgcctt      120
ccagcaaaag ccaccgcggc ccgggttgca gcagccggac ggatgccaag gccacacggc      180
agccacgggg gcagccgtcg cagtcgccgt cccacacggg ctgcggacac caagggttgc      240
taatgaagtg attgagaaga aacagtgaac atcctcattt cacagataag acaacatgga      300
tcagcctttt actgtgaatt ctctgaaaaa gttagctgct atgcctgacc atacagatgt      360
ttccctaagc ccagaagagc gagtccgtgc cctaagcaag cttgggttgta atatcaccat      420
cagtgaagac atcactccac gacgttactt taggtctgga gtagagatgg agaggatggc      480
gtctgtgtat ttggaagaag gaatttgga atgctttgtc tttataataa ttttaccttt      540
ttgtgaaant tcctaccang agttcc                                     566
  
```

<210> 8695
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (90)...(390)
 <223> similar to gi4583418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8695
agaattaagt ctcccacagc cattggagta gcttttatgg acagaagaaa ccctttccca      60
gccggtgtcc gtcttcccag ctcccgcgca tgtcgccaag tgaatccatc ctgccgtccg      120
tctccacttt caccagcccg taccgcaagc gccgcctgca ggagcgtgta ccctgcgccg      180
agcccgaggg caggggaacc cacaactacc tcaacagcgt gtgggactcc attcgggtcca      240
cagggctgga tggcctgggg ccgaggccac cccgaagccc ccggcgaccc caccgtctgc      300
gtcctattac ccgaacactg caccgcgctg ccctagggcg ccctggagct ggacccgctg      360
ccagaaggcc cgcgctgctc cggacgcgtg gg                                     392
  
```

<210> 8696
 <211> 646
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (156)...(590)
 <223> similar to gi1613848 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8696
atctaaagga cttcataaaa gcatgtgggt gctatataaa aggatatgtc taggccaag      60
taaataaag tacaacaaaag cagctgttga tcaggatatgg cttagtaata cttcccttcg    120
gaagtacctt gcattttacc agcattttat ttcttttagg ttgttggtat ggagcaaaag    180
acgagacacc ttctaagcag accctttcta tacaacagga gtccccactc aggacacatt    240
ggacaggtgt atgtaccaag aaggtccacc tctggggaat gtgtggccct ctcctgggag    300
atatcttaca ccagggaaca caacacaatc agaaattgaa tgggtttggg gcatatgaaa    360
aaaaattgga tgacgatgca aaccatcatc aagaccagaa gcagcacatt ggagagaaat    420
cgtacagaag caatgccaaag ggaacatctt ttgtaaagaa ctgtaaattc catatgtcac    480
atgagccatt tatctttcat gaggttgagg aagacttttt gtccagctct gagattactc    540
caacaagagg acattcacia ttaagggaag tcaacttttg aaactaagca tgggatgtat    600
tgcggccgct ctagaggatc ctaacttcgt cggggtcgct actcca                      646
  
```

<210> 8697
 <211> 930
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(931)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (602)...(930)
 <223> similar to gi5726236 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8697
ggcagccttc ccttggtggt taatcattgc agggatgcct ctctgattat acaccacgt      60
ttcaaggggtg tcagaccacg cagggacaac tgccttggtc cttcaccctt agcagcaagt    120
cccgtttttc tggggaaggg gcaagtaccc caacccttc tctccgtgtc tctaccctt    180
ctctgctttt cgggggacag ggcaagtacc ccaaccctt ctctccgtgt ctctactcct    240
tctctgcttt tctggggaca gggcaagtac cccaaccctt tctctccttg tctctacccc    300
ttctctgctt ttctggggca ggggcaagta cccctcaacc ccttctcctt cacccttagc    360
ggtaagtccc gcttttctag ggggcagggg caagtacccc cccaaccctt tctccttcac    420
ccttagtggc aagtcctgct ttcttggggc aggggcaagt accccttaac cccttctcct    480
tcacccttag cagcaagtcc cacttttcta gggggcaaga aaccccaaac cccttcctc    540
cgtgtctcta ctctctctt tctctgggct tgcttccttc actataggca accttccatc    600
ctccattcct ccttcttctc ccttattctg tgttctcaag aacttagaac ctcttcaact    660
  
```


cacacctgac	ctaaaaccta	aatgccttat	cttcttctgc	aacaccgctt	ggccccaata	720
caaacttgac	aatggctcta	aatggccaga	aaacggcatt	tcgatttctc	catcctacaa	780
gacctaaata	atTTTTgttg	aaaaatgggc	aaatggtctg	aggtgcctta	cgtccaggcg	840
tttttcacac	ttcattccct	ccctagtctc	tgttcccgat	tcctcccaaa	tcctccttct	900
ttccctcccg	cctgccgtgn	nncgggaatt				930

<210> 8698
 <211> 215
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(6)
 <223> similar to gi28334 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8698		
cggccgagtc	gacgtttgct	gagaatcatc atggaccatt atgattctca gcaaaccaac 60
gattacatgc	agccagaaga	ggactgggac cgggacctgc tcctggaccc eggcattggtt 120
agaaccacgc	atacaccga	ctttctccgg catggtgtaa ctcccacctc ctttaaggggt 180
ttccctttat	aaaaaacata	aaaaaaagtt gacgc 215

<210> 8699
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(372)
 <223> similar to gi1916229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8699		
ggaatatctt	gtttaaagta	agacacaatt ttcctgccac cataaagggg aaagcacaaa 60
gcagggtggc	ctctttgcat	cttgaaggca acccatgtga cagttggaca tgctgctaca 120
atctatttag	tgggttaaag	taaggctttt ccatgacatg attgcctatg aagaaaattc 180
tgagaaataa	acctccaaaa	tcctcttaga actaataagc aagtgtagta aggtcaaagg 240
atataagacc	aacacacaat	aatcaattcc atttctatat actaacaatg aacaggaaaa 300
caaatattaa	aaactcagta	ctatttacaa tcactccaaa gataatgaaa tacttaggta 360
caggattgta	tgatg	

```

<210> 8700
<211> 845
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (243)...(847)
<223> similar to gi2529737 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8700
tttcgcgggg cttcttcagg cgggtggcggc agcagcgaag gtggcggcgg cagcagcggc      60
agcggctatg gtgtggctgc tcgattctcc cagtgcctgg ctgagtttcg gacgtgggta      120
agaaccaact ggttgagggt caatgcagac aagacggatg tgatgctgta gaaaatgtgc      180
atcagatgtt tatgtttaat tgggtttacag actgtctgtg gactcttttc ctgtcaaatt      240
accagccatc tgttgaatct tcaagtccag gaggttcagc aacatcagat gaccatgaat      300
ttgatccatc agctgacatg ctgggttcag attttgatga tgaacgaaca ttagaagagg      360
aagaaatgat ggaaggagaa acaaacttca gctctgaaat agaagatctt gcaagggaag      420
gcgacatgcc aattcatgaa cttctcagcc tttatgggta tggtagtact gttcgactac      480
ctgaagaaga tgaggaagag gaagaagagg aagaagaagg tgaagatgat gaagatgctg      540
ataatgatga caacagtggc tgtagtgggg aaaataaaga ggagaatata aaggattcat      600
cagggtcagga ggatgaaact cagtcttcca atgatgatcc atcacatctt gttgcttctc      660
aagatgcccc ggaaataatc cgcccacgtc gatgtaaata ttttgatata aatagtgaag      720
tagaagaaga atctgaagaa gatgaagatt atattccacc ataatctcct ttttccagtc      780
ttctgatgga atataatctt catcttcttc agaagactgg aaaaaggaga ttatgggtggg      840
ctcct                                           845

```

```

<210> 8701
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (346)...(396)
<223> similar to gill22422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8701
ggcacgagcg cgtagctgac gtcggagggt cgcggctcta acggagcttt ctacgaggga      60
tttatcctag atgctcatga ggactacctt acagaggatg ttgatattta ttgacatcca      120
caacgcctgg ttacatttaa tgaagttaga tataccatct ccatctgata tatatataga      180

```

aattactgac	ggatatgaag	tagaggtata	ttctagagca	tatgtccacg	agccctgtgg	240
ctggcgcgcg	gatacacgca	cgctgacgca	tggagatata	tatgtcattg	agtatgctgc	300
ttgctacgct	acttacgatg	acatactcac	atttgatcga	ctttggcctg	tcaatcaaaa	360
tatgactgtc	agagaaaata	ccttctttta	atgc			394

<210> 8702

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(277)

<223> similar to gi38479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8702						
ggcacgagcc	cagccgccc	gagatgaccg	agaccgaagc	cctcctgcgc	gtcctcttgc	60
atcctgctgg	ctttcggaca	cagcacctat	ggggctgaat	gcttaccggc	ctgcaacccc	120
caaaatggat	tctgcgagga	tgacaatggt	tgcaggtgcc	atgctggctg	tgactgtccg	180
ctttgagacc	tctgcgtgac	ctctgacgac	tgccctgacg	gactctgtgg	agaacccctg	240
cagagcacat	gcaccaacga	ctttcaactgt	gaaatctgag	aatcacaatg	acattacgtt	300
aatgtctaag	tctatgtcta	tcttatataa	ttctcgacaa	tattctaaag	aagagttcta	360
ttgataactt	cgtgtgcgtt	gtcgtgcctc	gctcag			396

<210> 8703

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(329)

<223> similar to gi2276396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8703						
ggcacgaggg	attcaagcct	cgtgaacgaa	gcgggtgggga	gcaggcacag	gactgggatg	60
ctctgccacc	caagcgcccc	cgactagggg	caggaaacaa	gatcggaggc	cgtaagccta	120
ttgcggtgct	ggatggggcc	aatttgagga	caggccatga	aggaaatata	aactacctac	180
gcgcccgta	ccagcacgct	catctaatac	tgactgatcg	caaggaatcc	tgaatgagcc	240
ataccagata	cgagtgcggt	tagtcagatg	acgctgtgaa	gatgaacatg	aaccgatcag	300
cgttgtacta	tggttaccta	tgtacctgct	accac			335

<210> 8704
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(366)
 <223> similar to gi37725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8704

ggcacgagca	tggatctcat	gcgcaagatc	atgaagcacc	tggggatctt	cctcctgatg	60
gagggcggtc	ccagatggct	cctgtcccag	ctgcagctgc	aggagtccgt	ccccggactg	120
gtgaagcctt	cggagaccct	gcccctcacc	tgcactgtct	ctgggtggctc	catctgcagc	180
agtggttact	actggggctg	gatecgccat	ccccagggg	aggggctgta	gtggattggg	240
agtatctatt	atacatggga	gcacctacta	caacgagtac	ctcacgagtc	cagtcacgca	300
tatccgtaca	cacgtgcaac	atccagttct	ccctgatgct	gaactatggg	accgacgctg	360
act						363

<210> 8705
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(354)
 <223> similar to gi455994 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8705

ggcacgagaa	gcagcagcat	tgctgtaccc	caaactcact	gtgacattgc	tcacagaacc	60
acgccgtgac	gaccgccatc	ctgacccacc	agggagatgt	aggacagtgc	ttggctcaag	120
ctgcccacac	tcttgactcc	ggtgccagga	gtcctgcctt	tgtgctcagc	ttgtagggac	180
ctgcctaggg	agggcctgtc	tgccctgagt	tgggtagagg	cctcgcacat	ggcaagaaa	240
agctgacttc	cttggtctaga	tgccgtagag	cacctggatg	atctcaaggg	cacctttgac	300
cagctgactg	aactgcactg	tgactagctg	catgtgaatc	ctgataactt	ccg	353

<210> 8706
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (295)...(761)
 <223> similar to gi4678526 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8706

ctccccgcgcg	agaagcctcg	ctcggcgcgc	aacatggcgg	gtgggcgctg	cggccccgcag	60
ctaacggcgc	tctggccgc	ctggatcgcg	gctgtggcgg	cgacggcagg	ccccgaggag	120
gccgcgctgc	cgccggagca	gagccgggtc	cagcccatga	ccgcctccaa	ctggacgctg	180
gtgatggagg	gcgagtggat	gctgaaatct	tacgccccat	ggtgtccatc	ctgccagcag	240
actgattcag	aatgggaggc	ttttgcaaag	aatggtgaaa	tacttcagat	cagtgtgggg	300
aaggtagatg	tcattcaaga	accaggtttg	agtggccgct	tctttgtcac	cactctccca	360
gcattttttc	atgcaaagga	tgggatattc	cgccgttatc	gtggcccagg	aatcttcgaa	420
gacctgcaga	attatatctt	agagaagaaa	tggcaatcag	tcgagcctct	gactggctgg	480
aaatccccgg	cttctctaac	gatgtctgga	atggctggtc	tttttagcat	ctctggcaag	540
atatggcatc	ttcacaacta	tttcacagt	actcttgga	ttcctgcttg	gtgttcttat	600
gtctttttcg	tcatagccac	cttggttttt	ggcctttcta	tggatctggg	cttgtaggta	660
atatcacagt	gtaattggga	tccaccctat	cgccacgtat	catgaccca	tctactaacc	720
ttggcgctca	cacagccac	acctcgagc	atctgcgctt	g		761

<210> 8707
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (602)...(882)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8707

gcggaatagt	gggttttgc	gcaaccggtt	tattttcctt	ctgttttcac	ccattctggc	60
acaatctggc	gccatcgctc	ttcttgtgag	gccaagcctg	aaaatgcgaa	gcagagaggc	120
aggacaaaaa	ttgaggcgaa	tccaggaacc	tgccaatggg	tctccgggtg	cggctctctga	180
aactggagga	tatcgggagg	aaaggctctc	cgatgcggag	ataatgggga	agctcttggc	240
atggttggct	gtaggatatg	gataccggag	gagcaggagt	caaataggat	acgccgactt	300
ttaattcaag	gaaccctttt	ctgaaacact	ttgccacaat	gaaggaaata	agattacagc	360
cgaagataca	tattaaggaa	ttgtactctc	agagatgttg	agaaaagata	catgggtctt	420
ggaagataat	tactcaaaat	atgcagggaa	ggaataaaat	tgaagggtgt	ttttcttaaa	480

gaacatcatt	tgatcatattt	atttgatcaa	gaagttgaag	atttatataa	taaggatcta	540
gtttgaagca	ctaagaagaa	taagacatca	gtttgaaaag	aggctctatc	agaacaacac	600
gaattctgct	aaaattgaag	caagaacaaa	catcaaatat	atgttgacac	ttgggtggaa	660
gaatggtgaa	ctaattgatg	ctttatgaaa	agttgatagg	gacagtgtct	ccaaagaaat	720
cagtttacia	atggataact	cgttttaaga	aggcataagg	taatgttgaa	gaagaagccc	780
acagtggcag	atcatccaca	tcagtttggt	agaaaaaagt	tagttcatgg	cgtaattgaa	840
gaaaaccaac	aattaacagc	agaaacaaca	gccaacacca	taga		884

<210> 8708
 <211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(454)
 <223> similar to gi1633564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8708						
ggcagcagcg	agctgttggtg	catccagagg	tggaattggg	gcccggcatt	ccctcctcgt	60
cccgggctgg	cccttgcccc	caccctgcaa	ctcctgggtg	agatgggctc	agccaagagc	120
gtcccagtc	caccagcgcg	gcctccgccc	cacaacaagc	atctgggctc	agtggcgagc	180
ccccgttcac	ctagtgtgtg	catcctgcgc	actcccatcc	aggtggagag	ctctccacag	240
ccaggcctac	cagcagggga	gcaactggag	ggtcttaaac	atgccagga	ctcagatccc	300
cgctctccat	tggggaagaa	ctgagggcac	gggtggcaag	tgggtcaggg	atcagacctg	360
ggcagccac	agcctctccc	gccctctgcc	tcccacctga	cagctccagg	gcaagccgct	420
gctctcagcc	tccctgcttg	tcccttcctt	ggtttgggg	gagaagcagc	cctgccaaca	480
cataccacgt	gccagtga	tccctatgcc	cctcgcccgc	tctgcactat	acagcgctgc	540
aggcagggat	catttccacg	tcgcaggcaa	gagcaccaag	gct		583

<210> 8709
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (180)...(356)
 <223> similar to gi5306259 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8709

```

ggcacgagct cttacctatc taccctagac tgtgagctcc ttgaaggcac agtcctggcc      60
tagagtaggc atgccataaa tgattagaaa gtagagggaa gtggcagggc agccaagaca      120
gttttagaga cttttaagta gttcaaacia acaagccagc acatgttgga ggtggaggga      180
tggttgaccc catcaccccc acctacctca cccctgcacc accaccccc tcaccacccc      240
tcccgcttg cctaccgac caatagccct cccccagtct cgttccaccg cctccacgca      300
ccccaccctc ctctaccact cctcccctct cgtctccccc cctcccttcc cgcccc      356

```

<210> 8710

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(356)

<223> similar to gil83885 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8710

```

ggcacgaggg aacgtctgag gttatcaata agctcctagt ccagacgcca tggggcattt      60
cacagaggag gacaaggcta ctatcacaag cctgtggggc aagggtgaatg tggaagatgc      120
tgaggagaaa accctgggaa ggctactggt tgtctaccca tggaccagga ggatctttga      180
cttgctctgg ataactgtcc tcttggtttg gcatgatggg caactataca gtcaaggagac      240
atggcaagac ggcgctgact ttattgtgag atgccatatg acccttggtt gagcctatgg      300
gtgcttttgc ctgggctaact gagctgacat gtgacatgct gtattggaat ccttgg      356

```

<210> 8711

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (93)...(357)

<223> similar to gi2443340 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8711

```

ggcacgaggg cggcggctgt agcggcgtga caggagcccc atggcacctg cccagcccca      60
cctcagccca tcttgacaaa atctaaggct ccatggagcc accacggggc cccctggcc      120
atggggccga gccatcccgg gcagtgggca ccgtcaaagt atacctgcc aacaagcaac      180
gcacggtggn gacagtggcc gaataggaga aggggtacaa aactctatac aagggcctga      240
aagtgcgggg tctaaatcag gactgctgtg gggggtaccg actcttctag ggacaaaaga      300
cacggactgt gtggacacaa gcattgggtc cctggatggc caggagctca ttggcca      357

```

```

<210> 8712
<211> 478
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (26)...(478)
<223> similar to gi2232013 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8712
gtcatgagac tgaggttgca tatgttcgat gctgtaggag gcagtgacct tcaaggacgt      60
ggctgtggtc ttcactgagg aagagctgag gctgctggac cttgcccaga ggaaactgta      120
ccgagaagtg atgctggaga acttcaggaa cctgctctca gtgggtgagg acaggcacc      180
tttctaaggg aacatcagga ccaggagtgg ctttgtatcc tagagtgttc aagtttgagt      240
atgcattggg aacctaagtt tccagtaa at tttacttaga tttttttcta ggatatattg      300
gcactaagca catgactttt cacgttcaca gggcatcaat cactccacag agatactttc      360
cacttcctaa aggaagaaaa gttttgatg atggagacag caaccanag agaagggaat      420
ttaggtaaga agcaagcaac tctgtgtcct tgtgcgtgac tcttccatcg gtttcact      478

```

```

<210> 8713
<211> 976
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (257)...(484)
<223> similar to gi3329465 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 8713
ggcacgagaa aagagacggg ctgtttctat gtagcaggat cggcccagct tcgggaaaaat   60
ggagttttca gaggctcatc gaggccatth tttcatctcc agtcggggga actttttctg   120
cccatggaag tgcagcagaa aggcataagag gccactaggc cttgaagtgg ctgccatttt   180
aaagagtcga gtcagatggc ctattaactc agattaattg ctgtgctttt ggattccagg   240
ttgatgccgg cccaggatgg atcagacctg tgaactaccc agaagaaatt gtctgctgcc   300
cttttccaat ccagtgaatt tagatgcccc tgaagacaag gacagccctt tcggatgatc   360
cagattccag taccagtaca ttaggaaaca tgctagaatt acctggaact tcatcatcat   420
ctacttcaca ggaattgcca tttagactgg ccttgatcatg ttgcccaggc tggcgtcggg   480
actcctgggc tcattcgatc ctcctgcatc agctagaact acagtagttt cagattttga   540
agtgtgatg tgtatgtgtg atatgtatat attcctgtgtg tatagaaatg gagagtatct   600
tatttgagtt gttgttttca gtaatgctgt caagtattgt tagaggggtga taaatgataa   660
catttgtttt tatttgagct tatgaagaat ttcttgactt tctagctaaa tgatcagttc   720
acttctctta gcctcaattt tattgctgtc aaattccaaa agttcttgat tgctataaga   780
ttccttcagc tttaaatatt aatatttgat attgattttg tttctgcca aacacattgt   840
ttggtcaccg ccggtaatgt tagcaaagag aatttttttt ggccaacaaa tgtctcatatc   900
cacattcagt ttttataaga aaaactttta tggtagtgtg ttattctgag ttcattaaac   960
attcgcttta ccttat                                     976

```

```

<210> 8714
<211> 375
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (38)...(378)
<223> similar to gil83885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8714
ggcacgaggg aacgtctgag gttatcaatg tgctactagt cctgacgcca tggggcattt   60
cacagaggag gacaaggcta ctattacaag cctgtggtgc aagggtgaatg tggaagatgc   120
tgtatgagaa accctgagta ggctcctgga tgactacca tggacccata aggtattaga   180
cagcttttagc aacctgccct ctgactctgc catcatagtc aaccttaaag gctaggcaca   240
tggcaagagt gggctgactt ccttgggaga agccataaag cacctggatg agcttaaggg   300
cacctttgtc catctgagtg aactagcact gtgacaagct gcatgtggat cctgataact   360
gtaagctgct gggag                                     375

```

```

<210> 8715
<211> 1320
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (749)...(38)
<223> similar to gi338263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8715
ccagtatgga acctcggggg tgacctgcgc ctgggtcccc gcccatagag ctgcctctgg 60
aggttctggg aaatgggccc cagatgcatg aagttgcaga agccacctcg ggtacattcc 120
cgtgcacagc ctgcccgttg aaccagcggg tactgagttc agccacggcc cgctctccat 180
cctcctccct ccggaactgc aggaaatgtc agtcagggtc agcaggagaa ctgagagatc 240
ttcaggggac tctactaccg ctctggggct ggactggatt tagtgatgaa attcaagctg 300
agagcctaca gtggccacca tcaggcattg aaacgcctcc acttctgggc cctaagtggg 360
gggcagcaag caccttgaca tagacgttgc ccacgaggtg gtccccaagg ttgtcgcaca 420
cattcatctc ttcaatctcc ccatacttct cctgcagttc tgtgaacacc tcctgtggaa 480
gacggggagg aactcagctg agtcccaca agaaacccca tctgcccta ccaaccctca 540
cctcgaagaa gctatcatag tgctcctgca cctccacgtc actcacatga cctgggggtgg 600
gggcggggcag ggtggaatca gagtgtagcc tactgggggc tggtcacctt gccccaggc 660
ctggtccctt actcacagtg tgatcgtct gcagtttggg ctgtgttctg tggattccgg 720
tacaggttga gcagcactat ggtctgcaca gaatttaaaa ggggcggggc ctgagctcag 780
agggcagggc tgcataaaca gagagtgagg catgaagggt gggggtggaa cttacaccc 840
cagcctaagc atcatgagtg catcggcgat cctttgcccc taagaaacca gaaaagggat 900
ggaggggact ggcaaggatg aacagcggga tggaaggagc tggcaaagat gaacagccgc 960
cgtgtgtagc ctgtacgcat gggggcgcgga ccaagttccc gggaaaacgg cacgaagacc 1020
ggtgggagga gcctgcagaa aggtccaatg agaaaaaaag ccgggcgggtg gggagggact 1080
caggaacccg gaataggcgg gacatggtga cgacggcccc agaaggggaa gggccaggga 1140
gcegttaacc cccgaggtct cgtgccgggt ctcacctggc tgaatgtcgg cttgttgtga 1200
agccgggagc accggtcccc gtgccggcag accccgatct taaagtaaaa agagcagtta 1260
accttgtect tctcagtccc gaatatcgaa gctaaatatt cagccatttt taccgaagcc 1320

```

```

<210> 8716
<211> 1101
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1102)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (313)...(1101)
<223> similar to gi1840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8716
tttcgtggac agacagatag tgggacttct cagggttggg acaagcccca ccccacgctt 60

```

ggggtggggt	ccaggactac	agtgcgccgc	cagtttgccg	acagtgaaaa	aaaaaaagta	120
ccgttccaaa	gcaggagcct	aggcagccga	gaggggtgcc	gaacctgagt	ctgagttgcg	180
gccacttcag	gagctgagag	gagcaggatg	gaactgcagg	atccaaagat	gaatggagcc	240
ctcccttcgg	atgctgtggg	ctacaggcaa	gaacgtgagg	gcttcctgcc	cagtcgtggt	300
cctgctcctg	ggagcaagcc	ggtccagttc	atggatttcg	aggggaagac	atcgtttgga	360
atgtcagtgt	tcaacctcag	caacgccatc	atgggcagcg	gcacccctgg	gctggcctat	420
gccatggccc	acacgggggt	catcttcttc	ctggccctgc	tgctgtgcat	tgcgcttctg	480
tgcctctact	ccatccacct	cctgctgacc	tgtgctggta	ttgcaggcat	ccgagcctat	540
gagcagctgg	gacagagggc	attcgggcct	gcggggaagg	tagtggtggc	cacagtcac	600
tgtctgcaca	atgttggggc	catgtccagt	tacctgttca	tcatcaaata	tgagctcccc	660
ctggttatcg	gcaccttctc	gtacatggac	cccagggggg	actggttctt	gaagggaaac	720
ctcctcatca	tcatcgctcag	tgtgttaata	atcctgcccc	tcgccctcat	gaaacacttg	780
ggctacctgg	ggtacaccag	tggtctctct	ctgacctgca	tgtgtttttt	ccttgtttctg	840
gtcatctaca	agaagtcca	acttgggctg	tgctataggg	ccacaatgaa	acagcaatgg	900
gagagtgaag	ctctcgtggg	gactccccag	ccaagggact	caacagcagc	tgtgaaggcc	960
cagatgtttc	acagttgact	cacaggtgtt	cttacacagt	ggcccattat	ggcttttgct	1020
ttgtctgcc	accctggagg	tgctggccca	tctattacgg	agctttgccg	ggcctttcaa	1080
gcgcaggatg	cagggncgtg	g				1101

<210> 8717

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (463)...(1521)

<223> similar to gi2183083 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8717

ggcacgaggg	aggtaggcag	tggtatccat	cctgatgagg	cagcagaaaa	ggagatgact	60
tgagtgtgg	cagagaatgg	cactggcttg	gtaggcagct	tgagctgga	agaagagcag	120
ccagaactga	agatgtgtgg	ctacaatggc	tctgtccctt	ctgtggaatc	gttacaccaa	180
gaggtctcag	tcttgggtcc	tgacccacaa	gtgagctgtt	tagatgatcc	ttcacatctt	240
cctgatcaac	tggaagacac	tccaatcctc	agtgaagact	ctctggagcc	cttcaactct	300
ctggcaccag	agccagtgag	tgaggacta	tatggtattg	atgacacgga	gctgatgggt	360
gcagaggaca	agctgcctct	tgaggacagc	cctgtgattt	ctgcccttga	ttgcccttcc	420
ctcaataatg	ctactgcctt	cagtctcctg	gcagatgata	gtcaaatac	aacctctatc	480
tttgccagtc	ccacctctcc	acctgtccta	ggggagtctg	tcctgcaaga	taacagcttt	540
gacctgaata	atggtagtga	cgctgaacag	gaagaaatgg	aaactcaatc	ttcagacttc	600
ccaccatccc	tgaccagcc	agctcctgat	cagtcaccca	ctattcagct	acatccagca	660
acctcaccag	cagtctcgcc	aacaacctcc	ccagcagctc	ccctagtggg	ttctccagca	720
gcctccccag	aaatctctcc	agaagtttgt	cccgcagctt	ctacagttgt	ctctccagca	780
gtcttctcag	tggtctctcc	agcttctctc	gcagtcctcc	cagcagtcctc	cttagaagtc	840
ccgttgacgg	cttcagtgac	atccccaaaa	gcctctcccg	taacttcccc	agcagctgcc	900
tttccaacag	cctccccagc	aaataaggat	gtcagcagct	ttctagaaac	cactgctgac	960
gtggaagaga	tactgggaga	aggactcact	gcttctggta	gtggtgatgt	catgaggaga	1020
cgtattgcta	ccccagaaga	agttcgtctt	cccctccaac	atgggtggcg	gagagaggtg	1080
cgcacaaaga	agggcagcca	ccgatggcag	ggggagacct	ggtattatgg	cccctgtggg	1140

aagaggatga	agcaatttcc	agaagtgatc	aagtacctga	gccgcaacgt	ggtacacagt	1200
gtccgccgag	agcacttcag	cttcagtccc	cgtatgcctg	ttggagattt	ctttgaagaa	1260
agagacacgc	cagaggtgca	gacccaaggg	ttaaataatgc	ttttgtccct	gaggaagagt	1320
tgggtggacaa	gctgcagctt	cctctcgtgg	ggtttgaagg	ttctggggca	ttgaatgggt	1380
ccgagggcct	cgtggcctgc	actgattcct	tactactgta	acagtctccc	ttgctacctt	1440
agggcttgca	gtgggtgcag	ctctcagcag	aggagatccc	gtcgaggatt	caggcaatta	1500
ctggcaaacy	gggtcgat					1518

<210> 8718

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(402)

<223> similar to gi455994 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8718

ggcacgaggt	ttgttgggggt	tgggggggtat	gcattctctg	ctgtgttgct	gaaggatttg	60
cttttagcaag	ttccttttagc	ttctataggt	ctgtatccta	cattggagaa	ctacattaaa	120
tgacttgaaa	ctcttagtag	aaagagtcta	tttattgttt	ttgagaccga	gtctcgatct	180
gtcgaccagc	cctttgggca	ccaggcctat	gacaccgcca	tcattgtccat	ccccaaaatc	240
aaagcacatc	gttctagagc	tctgacttcc	ttgggagatt	ccacttagca	cctggaagat	300
ctcaagggcc	tcttttagcca	ccttaatgaa	ctgcactgga	caagcctctt	gagcaccttg	360
ataacataaa	ctcttgga	tcggcctgtg	accgcttggc	aa		402

<210> 8719

<211> 2012

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1194)...(1847)

<223> similar to gi3135318 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8719

gaatgcccac	tggggccagg	gtgggcaaag	gaggttgggt	ccaatgtggt	gctggaagta	60
gaccctcct	gggtctggaa	cattctctgc	cccaggctct	ttccacctgg	ggatgttggt	120
acaacatcca	gctgtggtgt	ctgggctatt	tgtgtggtga	caagacagac	ctggtcaggg	180

ggtgggtggc	aaacacctca	cctggctggg	cagaggccac	cttgetgttt	ggcccaaggc	240
caggtgaggc	ccctcccttt	ccaccattgc	cctggccccg	tggccattca	ttcttggggg	300
ttgtctgagt	cttccacaga	gagcagcaaa	gagatatggg	agttgggtga	tcagtgtatt	360
tactttgcag	atthttctgg	aaataacctc	tagctgtctg	tatttgcaag	gctgggattg	420
gcctccctgt	cttttccaac	aatcaggacc	ccatcctgtc	tgttcctgtt	cttctcccag	480
cctctgccct	ccttctgtct	cctgggtggg	ctcccgttcc	gctcctggcc	tttgcattgt	540
ccatctcttc	tctttctccc	ctcttcgcca	ccctagatta	tctctgtgtc	cctctacctc	600
attctcttac	cagttctttc	ctttctgtct	agagccggag	ggagggaagc	tggaaatctgt	660
tatggtgtat	tagggggagg	agcctttctg	ttatttcccc	ccagcttcca	tcacccttcc	720
cttaatgcc	ggagcgccga	ggtttggaac	tgaggctaaa	ccgaagggtc	ttctcctgct	780
tctgtcacc	tgtgtgtct	cccggcatct	cctcactatc	tgggtccagg	cccgggtcct	840
ccctgcagac	tccctcccct	ccagcccaca	aggactccag	cctgctggct	ggtgaagaag	900
cttggaatga	agcagtaaga	aagttaacgc	caggtcaagc	ctcgggcccc	aagggttccc	960
tgggcacagg	ctgacactag	gagctgtctc	ccttggccgg	ggacagctcc	agcagctcag	1020
gctccagccc	tccagtgaag	cgcctctcct	ggagagttag	aaagaatgga	gaaaggcctg	1080
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accacggggc	tagagtgaat	cacctgggct	cacaccaact	tctggccaat	gcagggacca	1200
tgctctgcag	acagcagtc	tctagcatgg	ccccagcatt	cagccagtcg	gtcacctgtg	1260
ggccatcccc	atgtgtgagg	aagcaggagt	cagccaccaa	gtgtctccac	atcggagctt	1320
gcgggtcaga	cctgtggggc	aggggatggg	agcagggtcg	agggtagggg	ctgaatgtgt	1380
ggctctgtcc	ctgtgttgcc	ttccacagag	gagcaaggcc	tcaggctgag	gaaggagggg	1440
cacgctggaa	cagcctagtc	tcctccccgt	ggattcccc	aaaccataa	cattcttcca	1500
taggggtcga	gaacgcagtg	ccccgtccct	gacagggatg	aaaagtgaac	ccctcaggtc	1560
aggagaggca	gagttgaggt	tctgccactt	cctgtccctg	gggagccact	caagttacca	1620
gggctaccgg	gctgaaataa	atctttttcc	cgggttaggg	ttcaaagggc	aagtggattt	1680
tgccaaggca	actgatgtag	gccagttgac	gtgactccca	ggtttgtccc	tggactcag	1740
tgggtcccaa	tcacctggca	ttgatcacct	ggcattgatc	agcaccacc	ccaccctga	1800
aggcttgccc	agcccccagg	ccctcagatc	cctgctcttc	ctgcctttcc	tgcccatgtg	1860
tcaccagca	cccaagggtc	agtgcacacg	ggtgggttgg	agctgggtcac	tgtcatagca	1920
gctgtgattt	cacaaggaag	ggtgctgcag	ggggacctgg	ttgatgggga	gtgggaaggg	1980
gaaggaataa	agagatcttc	ctcaggaaaa	aa			2012

<210> 8720

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(382)

<223> similar to gil377880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8720

atcgagcatg	gctgccccca	cggatgacgg	cctgaccact	gctgctccca	cgctttatcg	60
acattccctg	ccttctgtgc	tatcttacc	aggtcacccc	agacgacatg	tacgccaagg	120
cctttctgat	caagcccaac	acggccatca	ccgggactga	caggagaaaag	ctctcgagct	180
gatgagacaa	cagattttcc	acacccttgg	aactgatcaa	atctatgagt	tattacctgg	240
aaaggacgag	ctcaacatcg	tgaaatcgaa	tgctcacaaa	cgggatgcat	agactgcgta	300
cgtgagtggg	gaaaaccaca	tactttctga	accgtagaaa	aacctgtatc	cagcagtga	360

cacgctgagc tcctatccct

380

<210> 8721
<211> 1776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (84)...(1776)
<223> similar to gi238267 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8721
agcgggccgag cagcggacac cgtgcgtacc ggccctgcggc gcccggccac cggggcgagac 60
cgcggaaccc gagggcatgt cccatgaaaa gagttttttg gtgtctgggg acaactatcc 120
tcccccaac cctggatatc gggggggggc ccagccaccc atgccccct atgctcagcc 180
tcctaccct gggggccctt acccacagcc ccctttccag cctccccct acggtcagcc 240
agggtacccc catggcccc acccctaccc ccaagggggc taccacagc gtccctaccc 300
ccaagggggc taccacagc gcccctaccc acaagagggc taccacagc gcccctaccc 360
ccaagggggc taccacagc ggccatatcc ccagagcccc tccccccca acccctatgg 420
acagccacag gtcttcccag gacaagaccc tgactcacc cagcatggaa actaccagga 480
ggaggggtccc ccctcctact atgacaacca ggacttccct gccaccaact gggatgacaa 540
gagcatccga caggccttca tccgcaaggt gttcctagtg ctgacctgc agctgtcgg 600
gacctgtcc acggtgtctg tgttcacttt tgttgcggag gtgaagggct ttgtccggga 660
gaatgtctgg acctactatg tctcctatgc tgtcttctc atctctctca tctcctcag 720
ctgttgtggg gacttccggc gaaagcacc ctggaacctt gttgcaactg cggctcctgac 780
cgccagcctg tcttacatgg tggggatgat cgccagcttc tacaacaccg aggcagtcac 840
catggccgtg ggcacaccca cagccgtctg cttcaccgtc gtcactctct ccatgcagac 900
ccgctacgac ttcacctcat gcatgggcgt gctcctgggt agcatgggtg tgcctctcat 960
cttcgccatt ctctgcatct tcatccggaa ccgcatcctg gagatcgtgt acgcctcact 1020
ggcgctctg ctcttcaact gcttctctgc agtggacacc cagctgctgc tggggaacaa 1080
gcagctgtcc ctgagcccag aagagtatgt gtttgcctgc ctgaacctgt acacagacat 1140
catcaacatc ttcctgtaca tctcaccat cattggccgc gccaaaggag agccgagctc 1200
cagctcgtg tggccgctca ggtggcacgg ctggccctga cctgccccct ggcacggcag 1260
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tctccaacc tctgtatgt acactgcaga taattccatt tggaccgct gtggccacag 1380
catggcccc ttagtctctc cggccccgcc aaggggcacc aaggccacgt ttccgtgcca 1440
cctcctgtct actcattgtt gcatgagccc tgtctgccag cccaccccag ggactggggg 1500
cagcaccagg tcccggggag agggattgag ccaagaggtg aggggtgcacg tcttccctcc 1560
tgtcccagct cccagcctg gcgtagagca cccctcccc cccccccacc cccctggagt 1620
gctgccctct ggggacatgc ggagtggggg tcttatccct gtgctgagcc ctgagggcag 1680
agaggatggc atgtttcagg ggagggggaa gccttccct caatttggtg tcagtgaat 1740
tccaataaat gggatttgct ctctgcaaaa aaaaaa 1776

<210> 8722

<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (116)...(313)
<223> similar to gi198658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8722
ctcaggaaca acagataacc tcaacagccc tatatctact ggagaaaatt cataacttaa 60
aaccttcctg caaagaaaat tctaggctcc aatggtagaa ctcttatctg aagaagaaat 120
aataccagtt ctatcaaact caccgagaaa attaaagaag agagaatata ctgtaactca 180
atctacaagg ccagcattac cttgctaaca aaggtagaca gtgatattca ttaaaataaa 240
gttagagcta tttatccctc ttgaacatag atgcagaaat tcttggaata actcagcaaa 300
tcacatacaa cca 313

<210> 8723
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(339)
<223> similar to gi510406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8723
atgagctcaa aatttgcttt gagagctaca gggaattgct attactcctg taccttggct 60
ctatctactt aaactttatt accggaggct cttttcctac tctctgtact atcgatggct 120
caactacggg ccatagatac taatttactt tcaacaccct gaattttcat tctcattgta 180
agatgatatt atacattctc ttcctatcct ttatcctcct cagtgtattct ggatatggag 240
atgctcaata tgatttcatt ctagaatgat atttcctcat aatattcata cataccctat 300
cgtcacaaat cagtgaagct tggatcttta catgtcttct gataaagaac aag 353

<210> 8724
<211> 1578
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (439)...(1556)
 <223> similar to gi509838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8724
ggcacgagcc cgctcctgtta gggcagtact cttaaccaaa ctaaagctga agattacttt 60
ttctctgaga tgattggaca tccaggtgcc ttcagacca gcatgtgctc tgcaggccat 120
attattacaa ctggagatcc ttgaaagtgc ctgcaccctc gaagagatac tccaaaagggt 180
tagtccggaa acatgggcag atgggaggcc agggaaaaca aaaactgcat ctccagtaca 240
agtcaagttt tgtgcaggag tggcgctgcc aaatctaaag cagcgtcctt tgagagaaaa 300
ggcacagcaa tgcatttagc ctctgctaag ggccttcctg caatacagga agaattcctt 360
gtttctcatg taacatacct gtcttgccag gacaaaaaca tggaactgag gattattggt 420
ttgtacagga tttgagggtc actaggcaaa ttttcaaagc catttatctg gtgatacctg 480
atgcttatac attattcatg actttaacca gtgagttgta ctggtgttca gtcttgaatc 540
tgaaaggatg cttcatctgt attccctga gtccagagtc ccatgaagtg tttgcctttg 600
aataggaaga ctctgacact aaagctaaat gatagtattg ctggatgatg ctccatcaag 660
gcttcaaaaa ctactaacc gtccggggga aatacatgct aaggagtttt gggacctcca 720
attgaaaaat gagactttgc ttatatatgt tgatggcata ttagaagcca gcacaactat 780
ggcaaattga ccagaatatt atactggcct tacatttttt tttttgtctg gatggggatc 840
caaagtatcc aagaaaaaaa tcacaaatat tgaaaaactc aattatata tttaggtttg 900
aattttctca ggagcagagt aatctgcttt tcggactggg agagaagctc ttgtcagggt 960
ggccagactc aggacatggg cagcagctgg tgaggggttt ttaggtatgg ctgaatgttg 1020
ccatatttca ttttcttatt ttgggcttat agcaaaatgg tctctatgaa gccctaagac 1080
cagacacttg acctcctaga atggaccaag ggaatgtcca aaaggccttt ctaaccatta 1140
aggtaaaaaa ttactaatgg atctggctta ctggagacc cctgaacta agaaagccca 1200
ttggatttgt tcataccatg agagagaagg gatgggggtt aggagtagta accccaaaga 1260
acttggggaa tatcatgagg cctgtagcct acttttcaaa acagctggac attgttatga 1320
tgggttggac ttcttatctc tgaccactgg caccacttgt gatcttctcc aggaggcaga 1380
agagttcact ttgggttaac ctagactgt acacacccca cactgtgtat gctatttgtt 1440
ggaacagaag tggagctact gacttacctc tagaagactg aatagatata aggtcatcct 1500
cctggataat cctagtgtta ctttgagagc tgtttctgct ttaaactcctg ctaaataaac 1560
ctatacatga ttgcatat 1578
  
```

<210> 8725
 <211> 879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (356)...(707)
 <223> similar to gi3875269 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8725
tttttttttt ttctgagcca tggcaaaagc agttttttta agcttagtca agttgaagca 60
  
```


gcgggagtgg	aggaggatca	gagaaacctc	tgtagtgtg	attgggtcct	tgtcgccctcc	120
actgcgtacc	cgctgagctg	ggctttgggc	aggtgagcag	cacagaggct	tccctcctcg	180
tccctcccca	cacccacca	tcgccacagc	tccctccgcc	gccggtgggg	cacccagatg	240
gggagaagct	gaggaggcca	ctgttcaccc	aaactgggtg	gtccttcggg	caatgctggg	300
aatagggtgg	gggctctggg	caagcccagg	aggaggaggg	cctggctgag	ttccaggaac	360
atctcacacc	cacaaggag	gatctagctg	gtgccctccc	tgtactgtca	ggaggccaga	420
gggcccttct	ccagctcatc	agggagggaa	ctgctctggc	agggagtagg	gaaggctggt	480
tgtggcatcc	ctcaagaaag	ctcctgcctc	agaagaggcc	caggcaaaaa	gagcccacaa	540
cagtctacct	gtggagcagg	gggagcccac	agagcccagg	gggagcccac	agagcccagt	600
gagagctggg	ggctcttgct	gccaactcag	accctcagat	ccaagccaat	ggctttgggg	660
cagggcagcc	aaagccatgg	taagatagcc	tacaccacag	agccccagag	gcaggggctg	720
ccccgggctg	gcacatttgg	aaaggatgca	cttgaccctt	gtccacggaa	gagctgtcat	780
caggcctcaa	gcctctcaga	atcctcccca	ggcactgcct	ccatggaggc	agccggagga	840
acaggacagt	tctgggggtcc	gaaccctctg	ttgggggaat			879

<210> 8726

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1567)...(1679)

<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8726						
atttgaccta	gtgagcaaga	agtaggaact	acattagact	tagtggaaag	acatttgcatt	60
cagagggtag	gaaataaata	tgactacaat	tcaagggcct	tctaccttag	tgaaattggt	120
agggacccag	tgacatgggg	catgttagga	tatttcttct	acggtgaagg	ataagtactt	180
gcattcttgc	gctcttaaaa	ccaagaaaga	ggcacaatac	ttagtggggc	tctttggggt	240
ttggaggcaa	cattttccaa	tttcattatg	ttacaccagc	ctgtttacca	attgactcaa	300
aaagctgcta	gtttttgagta	gggcccagaa	caagaaaaga	gtctgcaaca	ggtccaggct	360
gctgtgcaag	ctgctctgcc	acttgggtca	tatgatccag	tggtgtttca	gtggcagtgg	420
cagatagggg	tgctgtttga	agcttctggc	aggtccctat	aggtgaatct	tggttttagga	480
tttttagagca	aagccgtgcc	attaccaaca	aataactagt	ctctttttga	gaaacagctc	540
ttggcctgct	actgggcctt	agtagagact	gatacttaat	gagtcaccaa	gttaccgtgc	600
aacctgagct	tcccatcatg	aactggatgt	tatctgagcc	accaacgcac	aaagttggat	660
atgcacagca	acactctgtc	atcagatgga	agtgggtatac	acatgattgg	gcctgagagg	720
ccctgaaggc	acaaggaagt	tacatgaaga	agtagggcaa	atttccatag	tccccacttc	780
tgctacctgc	cttctctctt	ccagcctgca	tcgggtggctt	catggggact	tccctgtgat	840
cagctgacag	agaaagagaa	gacttagggc	tggtttacag	agggttctgt	atgatatgca	900
ggtaccaccc	taaagtggat	agctgcagca	ctacatctca	cctctgggct	accttgaagg	960
acagtgggtg	agggaaatcc	tcttgggtga	cacaactttg	agcagtcctc	ctgttgactt	1020
tgcttagaag	gaaaaatagc	cagatattca	attatatgcc	aattcatagg	ccgtggccag	1080
tggtttggct	ggatggtcag	ggagtccaat	ataactggaa	aattgggtgac	aaagaaattt	1140
ggagatgaag	tatgtggata	gacactgaat	gggcaaaaag	ggtgaagata	tttgtgcccc	1200
atgtgaatgc	tcaccaaaag	gttagcaaaa	aaggatttta	ataaagtgga	caagataacc	1260
tgttctgtgg	atactagtag	gcctctttct	ccagccacac	ctgtcatcac	ccaattgttt	1320
catgagcaaa	gtagccatgg	tgataagaat	agaggttatg	catgggctca	gcaacgtgga	1380

```

cttctactca ccaaggctga cctggccaag gctatctctg agtgcccagt ctgccagcaa 1440
cagagaccaa cactgagccc ctgatatgac accattcccc agggtcacatca gtcagttgcc 1500
tagtggcagg ttcattacat tgatccacct ctatcattga agggatagtg ttttaccctt 1560
actgaaatag atcttactct ggatacagat tcactttccc ttcgcgcagg gtgtctgcta 1620
aaactacat ccgtggactt acagaatgtc tcatttatga ccatggtatt ccacacagg 1679

```

```

<210> 8727
<211> 1797
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1798)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (43)...(1797)
<223> similar to gi4185892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8727
tttcgtgggg aggccgcgtg ggctatgggg cggcgggtgc ggggtcggcg gctccagcaa 60
cagcagcggc cggaagacgc ggaggatggc gccgaggggtg gtggaaagcg cggcgaggcg 120
ggctgggaag gaggtacccc cgagatcgtc aaggagaaca agctgttcga gcactactac 180
caggagctca agatcgtgcc cgagggcgag tggggccagt tcatggacgc tctcagggag 240
ccgctcccgg ccactttaag aattactggg tacaaaagcc acgcaaaaga gattctccat 300
tgcttaaaga acaaatattt taaggaattg gaggacctgg agatggacgg tcagaaagtt 360
gaagttccac agccactgag ttggtatcct gaagaacttg cctggcacac aaatttaagt 420
cgaaaaatct tgagaaaatc gccacacttg gaaaagtttc atcagtttct agttagtga 480
acagaatctg gaaatattag tcgtcaagaa gctgttagca tgatcccacc actgctcctc 540
aacgtgcggc ctcatacata gatcttagat atgtgtgcag cacctggctc aaagaccaca 600
cagttaattg aaatgctaca tgccgacatg aatgtcccct ttccagaggg atttggtatt 660
gcgaatgatg tggacaacaa gcgctgtac ctgctcgtcc atcaagccaa gaggctgagc 720
agccccctga tcatggtggg caacctgat gcctccagca taccagggct ccagatagat 780
gtggacggca ggaaagagat cctcttctat gatcgaattt tatgtgatgt cccttgagc 840
ggagacggca ctatgagaaa aaacattgat gtttggaata agtggaaccac cttaaatagc 900
ttgcagctac atggcttaca gctgcggatt gcaacacgcg gggctgaaca gctgggctga 960
aggtggaagg atgggtgatt ccacgtgttc actaaaccct attgaggatg aagcagtc 1020
agcatcttta ctggaaaaaa gtgaaggtgc tttggagctt gctgatgtgt ctaatgaact 1080
gccagggctg aagtggatgc ctggaatcac acagtggaa gtaatgacga aagatgggca 1140
gtggtttaca gactgggacg ctgttctca cagcagacac acccagatcc gacctaccat 1200
gttccctccg aaggacccag aaaagctgca ggccatgcac ctggagcgat gccttaggat 1260
attaccccat catcagaata ctggagggtt ttttgtggca gtattggtga aaaaatcttc 1320
aatgccgtgg aataaacgtc agccaaagct tcagggtaaa tctgcagaga ccagagaaag 1380
cacacagctg agccctgcag atctcacaga agggaaaccc acagatccct ctaagctgga 1440
aagtcgtca ttcacaggaa ctggtgacac agaaatagct catgcaactg aggatttaga 1500
gaataatggc agtaagaaag atggcgtgtg tggctcctcc ccatcaaaga aaatgaagt 1560
atttggattt aaagaagatc catttgtatt tattcctgaa gatgacccat tatttcacc 1620

```

tattgagaaa	ttttatgctt	tggatccttc	attcccaagg	atgaatttgt	taactcggac	1680
tacagaaggg	aagaaaaggc	agctctacat	ggtttctaag	gagttgcgga	atgtgctgct	1740
gaataacagt	gagaagatga	aggttattaa	cacgngatc	aaagtctggt	gtagaaa	1797

<210> 8728
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (62)...(802)
 <223> similar to gi1698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8728						
ctagtttgag	gcactatgat	atataagact	tcattttgca	attattccct	atcaaggcaa	60
aatcaattct	gctaaaatgg	tagcaaggac	aaacatcaaa	ttgatggtga	aagttgtgat	120
gtggaagaat	ggtgaaatca	ttgatacttt	acaaatagtt	tatggggaca	atgccccaaa	180
gaaatcagta	gcagttttaca	aatgcataac	tagtttaaga	cgaagcaaag	ttttagatga	240
agcctgcagc	agcagaccag	tcacatcgat	ttgcaaggga	aaagttaatc	ttgtttatgc	300
caacatctca	attggttcag	cttacacaat	tttgatggaa	aattaaattt	gagcaaactt	360
tccactcatt	ggatgccaca	actgtacacc	cagatcagct	gaagacaaga	gcaaagcttt	420
caatggaaat	ttaaacaagt	gtgatcaaga	ccctaaagga	tttctttgaa	aaattgtaac	480
aagagataga	acatggcttt	actagtacac	ttttgaagac	aaagcacagt	caaagcaatg	540
gctaccaaga	gggggaagtg	gtccagtcaa	agcaaaagca	ggctgggtcaa	gagcaaagggt	600
caaggcaaaa	caggtttttg	gaatgctcaa	atcgttttgc	ttgttgactt	tctggagggc	660
caaagaacga	taacatctgc	ttatgagagt	attttgttga	aaaaaattag	caaagctttt	720
agcagaaaaa	cgctgagag	agctttacca	aaacgtactc	tacccaaca	atgcaggcaa	780
ggtccttcac	caaactaggg					800

<210> 8729
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (871)...(1102)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8729

taaattagta	tggttttaag	atagttttac	agatagatta	gataatctat	ctagagatag	60
atagggagag	atatctatca	atacatatct	ctatctagat	atagatagat	ggttttctat	120
atagacctat	ctatctatat	atgtatacat	ctatatatgt	ctacacatat	ctctatacac	180
atatatatat	ttatatctcc	atctatatatt	ctacatgtat	ataggtatgt	atatatctac	240
atgtatatat	gtatatagat	agatatatac	ataggtatct	gtatatatgc	atatacatgc	300
ctatctatct	ttatctacat	gtattacata	gatagggtaa	ttactgataa	atcctttggc	360
cttctttgta	aatctctggg	ctaaagaccc	ctccagtatt	atacatgttc	tggtctagat	420
tgctcactca	ccagttctcc	tcactatcta	gagaagatcc	acttagcagg	cctcccctta	480
aagaagggca	ccttaactgg	actcactcct	cccatagtag	actgcacagt	acacaagcag	540
aagaggagag	ctcaataata	aagtcagcat	aaaggataat	ttttaaatga	ataaagaaat	600
cagaaaatcc	agtattggct	agcacatatg	gctatcagca	agctcaccct	acaaaaaaat	660
agtgagaaaa	cagttcgaat	attggccggt	tggggcacat	attctacaaa	aaggaaaagt	720
tttgaaatgt	atatatatatt	aatttaactc	tttaaaatat	ttgtaggcaa	gcccagtggc	780
tcacacctat	aatttcagaa	ctttgggagg	ccagggcagg	aggattgctt	gaggccagga	840
gaccagcctg	ggcaacatgg	caagacccca	tatctacaga	tggtttttaa	aaattagcca	900
ggtataacac	agtgaacccc	cgtctctact	aaaaatacaa	aaaattagcc	gggcgcggtg	960
gctcacgcct	gtaatccag	ctactttggg	aggccgaggc	aggagaatgg	cgtgaacccg	1020
ggaggcggag	cttgacgtga	gccgagatcg	cgccactgca	ctccagcctg	ggcgacagag	1080
cgagactccg	tctcaaaaaa	aaaa				1104

<210> 8730

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (466)...(592)

<223> similar to gi4929727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8730

acactgaact	gaagactgtg	tcactctgaat	cattctatta	gtcactttaa	tgatttatat	60
tgtgaacttt	tttgggggaa	actgtcatta	aactgacttg	aaaccctgat	atttgaacat	120
aaaactattg	tgagggaat	aaataacaat	tctttcagat	aatgaatgga	ttataagcaa	180
ctccaggaga	caaaaaaagt	gtctagaaca	aatttcagcc	tactcttgct	cggaaatatg	240
ttccttaaat	gtttaaataa	ttaacaaaaa	tgcatagcag	tacagtaaata	ttttttatga	300
gcttcttatt	gatacaggca	tttaagtaac	aacttttatc	tgtcaaaggc	tttcgcagaa	360
gagggttcttt	tttgatcagg	gcgatggaac	tggttcattc	tgtggtccta	tcaaccctct	420
cagttttcta	agttattgat	tgtctttgct	ctgctatatt	tggcagccct	ctgttgctat	480
tctttgacat	tcatgagatt	tgcctacaag	gtacagcctc	ggaactgggc	ttctgtttgc	540
atgcccacgg	caacaaatgg	aagtaggccc	agttcnccgg	ggggagggggc	gg	592

<210> 8731
 <211> 2297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (366)...(0)
 <223> similar to gi4379026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8731
cggggtaatg ttggcttcat agaatgactc agaaagggtt ctgtttctca actttttgga      60
ggagttcgag aaggattagt gttaattcat ttctaaacgt ttggtagaat tcaccagcga      120
agtcatcagt tcctgggctt ttctttgtta ggagagtttt ggttgctgat tcaatcagaa      180
ttgaatatca ttacttttta tagatctatt cagatttatt ctttgttctt gagtcaactt      240
tgttggtttg tatgtttcta ggaatttgct tgtttcatct aggttatcca attttttgac      300
atatagctct tatacgaatt ctcttacaat cttttttatt cctataaatc agtagtagtg      360
tttttcattt ctgatttttag taggtgagta ttctttttcc ttaatctaga taaagctttg      420
tcaactttgt tgatctcttc aaagaactaa ttttttgttt cattgattct attggttttc      480
tattctctat ttcattttatt tttgctctaa tccttattat ttcttctctc tttatggctt      540
caaactcaat tgaacataaa gtattaagaa atttgacttt tttctcaaat gtctaaaatg      600
taacaagaaa tatgtctaga gtcacataaa agcagcctgt ttgtcagatt tactgtttaa      660
tccatgtaaa cagctttcat ataattcatg atagaatatt actatgtgct ttggaagaca      720
ctgaaggaaa gacaaaaggt cattgggcag aaccacccta gattgactgt taaggccatc      780
ttctagtttg caggacttgt ggtagacaga cagaataata tcctggacct cttgggtgta      840
tacaggacaa actgaaataa actctcattt ttagatcata atgtcatcat gaaacatata      900
aattcggctc atttctgaag aaaacaagca caatgataaa gtttgaatgt ttgtctcttc      960
caaatctcat gctgacattt gatccccaat gttggagggtg gggcgccactg ggagggtgtt      1020
tggttacggg ggcagatccc tcatgaatgg cttgggtgctg tcttcatggg attatgttct      1080
cactcctact tcctgtgaga tcttattgtt aaaaagaatc tgataccttc ctcccccttc      1140
ttgtctctct cctccctgat catgtgacac acgggttccc ctttgccttc caccacgatg      1200
gaggcttctc gaggccttca acagaagcag atgtcgtgtc catgcttctc gtacagcctg      1260
cagaattgtg tgagccaaat aaacctcttt tccttatata ttaccagacc tcagggtattt      1320
gtttatagca ataaaaacag actgagacac atgatgaaga ccctttgata tcctataaat      1380
attgatttct ctccttgaga gaagagcatg aatctaagtg atgccattac tctaattgtga      1440
attccacaac tcttctcaaa gatgtggccc atatgttcct aataatggct ttctaagaat      1500
ctgttctgaa ggggtacctt ctctctgatt ttcatttgca tttcctgctt agcttacaca      1560
cttcaccttg cctatccacc tgtcctgacc ccaataacct ccatcatcag acatctcatc      1620
ttacctacct actttctact tttcccagtc cttcccgtgc ttcataaacc atgatcatga      1680
gctagagaca caaggtcata gctaaggagt tgggatcaga aaatcacctt ctgtgatttt      1740
ccattattct caatacataa cttcaacaaa atcaagaaaa tcatgaaagg acatcctaag      1800
gggtcagggtg aggttgcatg ggggttagtc ggtcaatagt ttctttatgc caattaggat      1860
ttctgcagaa aacaatgaaa cactggttta aacagtaaaa atattttaat tccttacaga      1920
agcccatgga acatacactc cagggttaat tcatcagctc aatagcatca tcaacgactt      1980
aggttctttc cactttctgc ttgtcatctg tgttggtctt attttcaagc tagctcctcc      2040
ctggttgcaa gataattgca gcaggtttag ttatcatatt cggacatgct aacgcccagg      2100
ctagtgatcc cttccttaca tttctttctc attttaagaa caaagtgttt aaaaaattat      2160
acttaaaatt attggcatct ctgtcaattg aaagatgtca atctctttca ttttctctaa      2220
tactaataaa catctactaa aaacaaaatg tctgtgtaaa taatttattt gaataaaatt      2280
aaagttgttg agtgaaa                                     2297

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<210> 8732
 <211> 1380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (168)...(1339)
 <223> similar to gi402649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8732

agccgcaaac	ccagcggagg	gcgggaagaa	ggaggaggcc	tctaggggtg	tcgggggact	60
gggggccccg	ccggcagagg	tccctcggcc	tcctgactga	ctgactgcgg	ccgcctccgg	120
ccaggacgct	gggagctgcc	tgacgggaag	gtgcggggag	cggagccatg	gcctccgggtg	180
cgtataaccc	gtatatagag	ataattgaac	aaccacggca	gaggggaatg	cgtttttagat	240
acaaatgtga	agggcgatca	gcaggcagca	ttccagggga	gcacagcaca	gacaacaacc	300
gaacataccc	ttctatccag	attatgaact	attatggaaa	aggaaaagtt	gagaattaca	360
ttagtaacaa	aagaatgacc	catataaacc	tcctcctcat	gatttagttg	gaaaagactg	420
cagagaccgg	ctactatgaa	gcagaatttg	gacaagaacc	gcagaccttt	tgtttttcca	480
aaattttggg	tattcgatgt	gtgaagaaaa	aagaagtaaa	agaggctgat	aattacaagg	540
aataaaggca	ggaatcaatc	cattcgatgt	cccctgaaaa	cagctgaatg	atattgaaga	600
ttgtgacctc	gatgtggtga	gactgtgggt	tcgagttttt	ctccctgatg	gacatggtaa	660
tttgagcgac	tgctcttcct	cctgtgtgtc	tcgagcccaa	tttatgacaa	ccgtgctcca	720
aatactgcag	aattaagggg	ctgtcgtgta	aacaagaatt	gtggaagtgt	cagaggagga	780
gatgaaatat	ttctactttg	tgacaaagtt	cagaaagatg	acatagaagt	tcgttttgtg	840
ttgaacgatt	gggaagcaaa	aggcatcttt	tcacaagctg	atgtacaccg	tcaagtagcc	900
attgttttca	aaactccacc	atattgcaaa	gctatcacag	aaccctgaac	agtaaaaaatg	960
cagttgcgga	gaccttctga	ccaggaaagtt	agtgaatcta	tggatttttag	atatctgccca	1020
gatgaaaaag	atacttacgg	caataaagca	aagaaacaaa	agacaactct	gcttttccag	1080
aaactgtgcc	aggatcacgt	taattttcct	gagagaccaa	gacctggtct	cctcggttca	1140
attggagaag	gaagatactt	caaaaaagaa	ccaaacttgt	tttctcatga	tgcagttgtg	1200
agagaaatgc	ctacaggggt	ttcaagtcaa	gcagaatcct	actatccctc	acctggggccc	1260
atctcaagtg	gattgtcaca	tcatgectca	atggcacctc	tgctttcttc	aagctgggtca	1320
tcagtgggccc	acccaccca	cgaaatcgtc	gaccgcggaa	gtccggtcgg	accgagtcctt	1380

<210> 8733
 <211> 548
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (206)...(548)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8733
 cgcagggtcca tgtctaaact aatcagcaaa attcattcca ttggacacag tgattagctt 60
 gtgggtgtgc acatgaacca atttgatca atgagaacct gacctgact tttagtgtac 120
 tggtggggtg aggtgtactg tctttcctac agaacacaaa cttccagctg tagaaagtca 180
 tctcatagtg tcaagaagtg agtctgtcat caacaaaata taggcaaacc aaatctggga 240
 acatataaaa agataatata tcatgaagaa gtgggattta ttctaggaat gcaagggttg 300
 ctcaacataa gaaaagcaac aactgaaata taccatatta atagaataag gacaaaaacc 360
 acatgatcat cttaactgtt aggaaaaagc atttgacaaa atctaacatt atttcatatt 420
 aaaaacactc gacaaactag gaatataagg gaactttttt aatttgatga aaaaaatcca 480
 tgaatatcac acagccaaca taaacttaat ggtaaaagac tgaaagcctt ccccctaaca 540
 ttnggaac 548

<210> 8734
 <211> 1728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (189)...(1728)
 <223> similar to gi1946992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8734
 gccctgcggg gacgccagc gcagccagc ccgcgcgagc ccagccctgc cctgccctgc 60
 cctgccctgc cctgcgcccg gggcgcgccc accgcgcccgc atccatgttc gacaccacac 120
 cccactctgg ccggagcagc ccaagcagct ccccatcgct ccggaaacgg ctgcagctcc 180
 tgcccccaag ccggccccca cctgagccag aaccaggcac catggtggag aagggatcag 240
 atagctcctc agagaagggt ggggtgcctg ggacccccag caccagagc ctaggcagcc 300
 ggaacttcat ccgcaacagc aagaagatgc agagctggta cagtatgctg agccccactt 360
 ataagcagcg taatgaggac ttccggaaac tgttcagcaa actccccgaa gcagaacgcc 420
 tcattgtgga ttactcctgc gccctgcagc gtgagatcct gctccagggc cgcctctacc 480
 tctctgagaa ctggatctgc ttctacagca acatcttccg ctgggagacc acgatctcca 540
 tccagctgaa ggaagtgaca tgtctgaaga aggaaaagac ggccaagctg atccccaacg 600
 ccatccagat ctgcacggag agcgagaagc atttcttcac ttcttttggg gccctgacc 660
 gctgcttctt cctcatcttc cgctcttggc agaatgcact gcttgaaaag acgctgagtc 720
 cccgcgagct ctggcacctg gtgcatcagt gctacggctc agagctgggc ctcaccagtg 780
 aggatgagga ctatgtctcc cccttgagc tgaacgggtc ggggaccccc aaggaagtgg 840
 gagatgtgat cgccctgagc gacatcacct cctcgggggc agctgaccgc agccaggagc 900
 caagcccagt gggttcgcgc cgtggccatg tcacgcccac cttttccga gccagcagcg 960
 acgcagacca tggggcagag gaggacaagg aggagcaggt agacagccag ccagacgcct 1020

cctccagcca	gacagtgacc	ccggtggctg	aacccccgag	cacagagccc	accagcctg	1080
acgggcccac	caccctgggc	cccttgatc	tgctgcccag	tgaggagcta	ttgacagaca	1140
caagtaactc	ctcttcatcc	actggggagg	aagcggactt	ggctgccctg	cttcccgacc	1200
tctccggcgg	cctctcatc	aactctgtct	tccatgtggg	cgctgagcgg	ctccagcaga	1260
tgetcttctc	ggactcgccc	ttcctccagg	gcttcctaca	gcagtgcaag	ttcacagacg	1320
tgacgtgag	cccctggagt	ggggacagca	agtgccacca	gcgcgggtg	ctgacgtaca	1380
ccatccccat	cagcaaccca	ctgggcccga	agagcgcctc	cgtggtggag	acacagacgc	1440
tggtccggcg	cggccccccag	gccggcgggt	gtgtggtgga	ctccgagggtg	ctgacgcagg	1500
gcatcccccta	ccaggactac	ttctacactg	cccaccgcta	ctgcatcctg	ggtctggccc	1560
ggaacaaggc	gcggctccgg	tgagtgggtg	ctgggcccct	ccaccgatg	ccctggtggc	1620
cccagggcct	cctgtccact	cctcatgtca	gcagcagagc	cttggttccc	accctggtgg	1680
aggaacagaa	gcgtgggggt	cctgaggccc	ttgtcctccg	aatagtgg		1728

<210> 8735

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(367)

<223> similar to gi2072953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8735		
gaacaaataa	gacagtaaat	ctagaaaaca agtagcaaaa tagcaaataa aaaccaccg 60
tgtcaataaa	gtgaatatct	aaacatgcc aaccaaaggc agattctgtt aagctggatc 120
ttctgtgctg	gagagacaca	ccttaaattc aaaaacacaa acagattgaa agacaaagga 180
tggaaaagga	taaaccatac	taacagtaac cacgaaagag ctggagtggc aatattaaat 240
atcagacaaa	atggatatta	agatagattt actaggatct gacacatgtt tcatagtgat 300
agtacagggg	tagctgtaac	agttacaaat gtatatgcac taataatgac ctcaaaatat 360
aggaaacaaa	actgaactga	attgaa 386

<210> 8736

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(417)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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<400> 8736
aaaggaagaa attataccaa ttctctgaaa tctcttttcag aatataaaaag cagaggggaat    60
acttcctaac tcattcaatg aggctagaat taccctaata ctaaaacaaa acagacatta    120
caaggaaaat aaacctata gaccaatctc tcatggacag acatgcagaa atccttaaca    180
aaatatcagc aaattgaatc cgataacgta tgaaaagaat tatacaccat ggccaagtga    240
gatttagcta aggtatgtgg ggttggttca acattagaaa acaaattaat gtaatccatc    300
acacccatag cctaaagaag aaaaatcaca tgatcatatc aataaatgca gaaaaagaat    360
ttgacaaaat aagaaaactt cctaaactta ggaacatcta caaacaaaac atatagttaa    420
catcataagt aatggtgaga aactcaa                                447

```

```

<210> 8737
<211> 1140
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (305)...(1139)
<223> similar to gil1334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8737
tttttttttt ttaaaaaatc aataaacatt tatttgatac agtcatttta atacatacag    60
tgatggcccg tccccacgcc actcgggacc agggcgcggg gcggggacga ggaccgggga    120
cagatggcca caaggcgggc ggggcccga ctcaccgttg aaacatctcg caaataaaca    180
ctttgtagat agaatatata tgtatatata tatggttaca agtgatagct ggaacctctt    240
tcaaaatgca cttatgtact gagaactggc attaaaaaac ccaaaccaag aaacccaaag    300
cacgggacgc ccggccgcga ggcaggggaa agcctggggc cccagaccgc ggccctggggg    360
agccgcctgg ggccccgcca aacgcggcac acggggacgg cccctcccgg ggtcaggctc    420
actggctcct tcccttcagc gccaccaggc aggagggcca acggtcacac aggaggcacc    480
ctcacctgcc tttgcaccag caaataaagt gcatccatt ttcgtgtgag cgtcggcccg    540
gtgagtcagc ccttcggggc cctttcctgt tctcagggca gggggcggtgc gctgagccag    600
aggtagatct gcagaaaggc ccccgactgg gcctcgggca gggccggcgc ccaccacact    660
ctgggggtca gctatgctgg tccctctcac tgagggctcc tggaggccta tgtgggccag    720
cgtagggagt gggcagaccc tgctgagctc caccagggc cccacccctt gggaggaggg    780
ctctgcgga cagcatgtgg cagagggagg gcagaaagga gggggtcaga cccaacagcc    840
acttctggca gtagccccc cgcctacctt aaagacaaaag ggggttaaag tgtaaacaat    900
caaggatatc aggactctc tccccacacc agggattatc tgtgggcttt gggagtgtcc    960
cggaaactca cccccagcaa aaaccagacc ctcttctctt ctccccaagg gccaagtacc   1020
tgagaggctg gggcaggcac cacaccctgc aggtgttcag gtccaccctc ctcccgccat   1080
tggtggcaag gacaaagtgc acctaggccc acgccagtg cctgctcccc tcccctcccc   1140

```

```

<210> 8738
<211> 530
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(531)

<223> similar to gi2072953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8738

gtggtaacgt	ttgagtccca	ccaaaccaca	attataaaca	ataagaaaga	aggaaacaaa	60
ggatatacaa	aaccagaaat	tatttaataa	agtgacagga	ataagccctc	acatatcaat	120
agcaaccctg	aatgtaaatg	aattaaactt	tccactggaa	agacagagac	tggtggaatg	180
gatttaaaaa	aacattactc	aactatatgc	tgtgtacaag	aagctcatcg	cacctgtaca	240
gacacatata	gacttaaagt	acagggatga	aaaaagatat	tccatgcaaa	taaaaaccaa	300
aagcaagcag	gactagctat	acctatatca	gataaaacag	actttaagtc	aaaaacagta	360
aaagacaaa	agagtcatta	tataataaca	aagggattaa	ttcatcaaga	ggctataaca	420
cttctacata	catctgcacc	ctacaccaga	gcactcagat	gtataaagca	aatattatta	480
aatctaaagg	gagagacaga	cttcagtata	ataatagctg	aggacttcaa		530

<210> 8739

<211> 1888

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (308)...(1853)

<223> similar to gi4559353 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8739

tttcgtggtg	gcagggtggt	ggatctgttg	gtcccgtttt	cccgtcgcac	gtggtggcca	60
ctgttggtt	ctgaatggtt	tgcaaggcgg	atatccacgc	caaggccttt	ggatcggccg	120
tggttacatc	cgtctgagcc	gttcctttcc	atcgacagac	ggcggcctcc	ggcggcgctc	180
tccagtcatg	gactaccggc	ggcttctcat	gagccgggtg	gtccccgggc	aattcgacga	240
cgcggactcc	tctgacagt	aaaacagaga	cttgaagaca	gtcaaagaga	aggatgacat	300
tctgtttgaa	gaccttcaag	acaatgtgaa	tgagaatggt	gaagggtgaaa	tagaagatga	360
ggaggaggag	ggttatgacg	atgatgatga	tgactgggac	tggtgatgaag	gagttggaaa	420
actcgccaag	ggttatgtct	ggaatggagg	aagcaaccca	caggcaaatac	gacagacctc	480
cgacagcagt	tcagccaaaa	tgtctactcc	agcagacaag	gtcttacgga	aatttgagaa	540
taaaattaat	ttagataagc	taaatgttac	tgattccgtc	ataaataaag	tcaccgaaaa	600
gtctagacaa	aaggaagcag	atatgtatcg	catcaaagat	aaggcagaca	gagcaactgt	660
agaacagggtg	ttggatccca	gaacaagaat	gattttattc	aagatggtga	ctagaggaat	720
cataacagag	ataaatggct	gcattagcac	aggaaaagaa	gctaattgat	accatgctag	780
cacagcaaat	ggagagagca	gagcaatcaa	aatttataaa	acttctatct	tggtgttcaa	840
agatcgggat	aaatatgtaa	gtggagaatt	caggtaaagtt	cagatttttc	cctccagttg	900
gtttaatttc	tatttcctaa	aacattaaaa	taataatgga	atgattgaaa	taataaacat	960

ttttcttatt	caagatttcg	tcatggctat	tgtaaaggaa	accctaggaa	aatggtgaaa	1020
acttgggcag	aaaaagaaat	gaggaactta	atcaggctaa	acacagcaga	gataccatgt	1080
ccagaaccaa	taatgctaag	aagtcagtgt	cttgtcatga	gtttcatcgg	taaagatgac	1140
atgcctgcac	cactcttgaa	aaatgtccag	ttatcagaat	ccaaggctcg	ggagttgtac	1200
ctgcaggcca	ttcagtacat	gagaagaatg	tatcaggatg	ccagacttgt	ccatgcagat	1260
ctcagtgaat	ttaacatgct	gtaccacggt	ggaggcgtgt	atatcattga	cgtgtctcag	1320
tccgtggagc	acgaccaccc	acatgccttg	gagttcttga	gaaaggattg	cgccaacgtc	1380
aatgatttct	ttatgaggca	cagtgttgct	gtcatgactg	tgcgggagct	ctttgaattt	1440
gtcacagatc	catccattac	acatgagaac	atggatgctt	atctctcaaa	ggccatggaa	1500
atagcatctc	aaaggaccaa	ggaagaacgg	tctagccaag	atcatgtgga	tgaagagggtg	1560
tttaagcgag	catatattcc	tagaaccttg	aatgaagtga	aaaattatga	gagggatattg	1620
gacataatta	tgaaattgaa	ggaagaggac	atggccatga	atgcccaaca	agataatatt	1680
ctataccaga	ctgttacagg	attgaagaaa	gatttgtcag	gagttcagaa	ggccccgtgca	1740
ctcctagaaa	atcaagtgga	ggaaaggact	tggtctgatt	cagaagatat	tggaagctct	1800
gagtgtctctg	acacagactc	tgaagagcag	ggagaccatg	cccgcccaaa	gaaacacacc	1860
acggaccctg	acattgataa	aaaaaaaa				1888

<210> 8740

<211> 3299

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1461)...(2771)

<223> similar to gi2224557 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8740

tttttttttt	ttctttttca	cctcctggag	tcctggactt	ccccacatct	cccctgcccc	60
tcccacgttt	ccatagtcca	agggccagag	taaatgaaaa	tacagcagcc	gcccagcaa	120
tggggcccat	gctggggctt	cagtcatcag	catcttcaact	ggagtctgag	ttagctggca	180
tcataggatc	atcaatgagt	gagaagtccc	tttctgagct	atcatagccc	tgagataagt	240
catcatcatc	ttcttcatcc	tcategtcat	cctcctcagg	ttgcagtggg	ggcaaccgca	300
aggtagtacc	agaggcggtg	gtcactgggtg	aagaggggta	gccaggggct	ctcaagcctg	360
gatgggtgatg	gtgggtgatg	tgggggtggg	ggtgggtggg	gtgggtgatga	agcatgggtgc	420
tggagtctac	atgaggggat	gatgggtgcac	cacccatcac	aaatggcata	aaaggcaaag	480
atgcagaagt	ggcactgctg	tgacccaaag	atgacacaga	ctgtaggcca	ctactgctgt	540
gttggaaagt	gttatgcaga	gatagagacc	cagtgcctcc	accctgcatg	agggccatca	600
tcttagaaag	gtctggtcgc	atcctacggg	cccgttctt	gctgctctct	ggtgcaatag	660
gcctggcaa	aaccgggttg	aacaccgttt	cagtgtgatg	accctttttc	ccatttctag	720
agttagctgt	ctgtactggg	tccattccca	aacagttcaa	ttctgcctta	ttattttttt	780
tttacatctt	tgccacttct	gttttatgcg	atcctccata	tacgctagaa	atcggggatc	840
aacagcaaac	tctggatgac	cctgtaacca	catctccagt	tcagcccggc	gaggggcatc	900
ctcaccaccc	agcaaagtac	catccacctt	attgatgaca	gggatccggg	tctccaggtc	960
cacatcaagg	tgattaggct	cttccatgca	ctccacctcc	agctctacta	gcttctttct	1020
gttccccctt	ttcttatgaa	acagtggatg	tccatctccc	attactccat	tcgccatcaa	1080
cttgtgcttc	tggaaatgta	acttcaatcc	ttcctcatct	ttgatttgaa	ctgtaaacctc	1140
cttttcatcc	atgcctcggc	gaagtttggt	gaactgggct	gccgctgtgc	tgactgcaga	1200
tgtctctctc	tctgccatgg	aagctgcact	actacttcgt	ggtgtgggga	ctggagagtc	1260

accatattct	ccaggagtca	atgagggact	gtctaataaa	tggttgccctg	gggcaaaaat	1320
tcctcctggt	accatttcct	ggctcctacg	gctagaaggc	cacttccctg	agagtacagc	1380
ctggcagacg	aggtcaatac	ggtttatcag	gacacgatcc	ttggccctgc	agaacgtggg	1440
gaccggcgaa	ggcgcgttgt	gaagcagcct	tcaagctgaa	agaaattgca	cggcgggaga	1500
aacaacaacg	atggacaagg	cgtgaacaaa	ctgattttta	tcgagtgggtg	tctacgtttg	1560
gtgtggaata	tgaccctgac	accatgcagt	tccattggga	tcgcttccgc	acttttgctc	1620
gactagacaa	aaagacagat	gaaagcctta	ccaagtactt	ccatggcttt	gtggccatgt	1680
gccgccaagt	atgccgcctt	cccccagcag	ctggagatga	accccccgac	cctaacctgt	1740
tcattgagcc	catcactgag	gagagagcct	cacggactct	ctaccgtata	gaattgcttc	1800
ggcgtttacg	ggaacaagtt	ttatgccacc	cccttttgga	agatcggtctg	gcattgtgtc	1860
agcctcctgg	tcctgaattg	cccaaattgt	gggagcctgt	tcggcatgat	ggggagcttc	1920
taagaggggc	agcccgccat	gggggtgagcc	aaacagactg	caacatcatg	caggaccag	1980
acttctcttt	tctggctgcc	cgtatgaatt	atatgcagaa	ccatcaagca	ggagcaccag	2040
ctccatcctt	gtcacgctgc	tctactccac	tgctgcacca	gcagtatacc	tcacgcactg	2100
cctcaccact	gcccctgcgc	ccagatgctc	ctggtgaaaa	gtcacccgag	gagacagcta	2160
cccaggtccc	cagtctggag	agtctgactt	taaagctaga	gcacgaggtg	gtggccagga	2220
gccgaccaac	cccacaagac	tatgagatgc	gagtatcccc	ctctgatact	acccctctgg	2280
tttcccggag	tggtccacca	gtcaaactgg	aggatcagga	tgattccgga	ctctgagctg	2340
gacttgagca	agctgtcacc	atcttcttct	tcttctcat	cctcatccag	ctccagctcc	2400
agcactgatg	agagtgagga	tgagaaggaa	gagaagctaa	ctgaccagtc	ccgctcaaag	2460
ctctatgatg	aagagagtct	cctgtccctc	actatgtccc	aagatggatt	cccaaatgaa	2520
gatggagaac	aaatgacccc	tgagcttctg	ctactgcagc	tcagcctct	atcttcattt	2580
gttctctctt	gtagctgcgc	tgatacgtg	ttactagacg	ccgaagccta	gctgttaggg	2640
cagagcgagg	ccagaataaa	tggcctggct	gttgggtcac	ctgggcttca	tctccatcaa	2700
tcactgagat	ctctcatcc	atcatcatca	agggatcacc	ctcatcatct	tggtcctttg	2760
ggggaccttg	gagtggttta	tatcaggatc	ttcacaatct	ttatcaagtc	aaccttcta	2820
ctatgtcaga	gaagttatcc	aacactcgat	gttctgctgc	aattgctttg	tcactctggtc	2880
ggccagcctt	ttctagggaa	cataaggctg	ggtctgccct	catggtatta	tatttctcat	2940
agccatgttt	aaagactcca	atgagcagcg	acttgtcagc	ctcatctgtc	ccaccaagtt	3000
gttggaacct	ccagttgatc	cactactggg	aaccatatgt	caatctcact	ggcaatcgca	3060
ccccctaaca	ccttttctgc	ttggtctcca	taacctctcg	cctcaggtag	atagcattcg	3120
taccgcgaac	agtacctggt	tacactgatg	tttcaagtgc	ttcttataac	tttcatcttg	3180
gaacaaagtg	tcagggttat	atttcgggat	ccaatctgcc	ttatggatat	caaaagtgtc	3240
ttatgacttt	actttttttc	ctttgcgtcc	acgaggcaca	gggatagata	gacctgaat	3299

<210> 8741

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (45)...(659)

<223> similar to gi4176500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8741
cgggtggaatt ggcccaggat gacagctggt gaatggagtc agttttatcc aagtatgaag      60
atcagattac tattttcact gactacctag aagaatatcc agatacagat gagctggtat      120
ggatcttagg gaagcagcat ctcttaaaa cagaaaaatc taagctgttg tctgatataa      180
gtgctcgtct atggtttaca tacagaagga aattttcacc aattggtgga acgggccctt      240
catcagatgc tggttgggga tgtatgctac gctgtggaca gatgatgctg gctcaagccc      300
ttatctgtag acacttgga agggactgga gctgggagaa acaaaaagaa caacccaaag      360
aataccaacg catctacag tgcttcttag atagaaaaga ttgttgctac tctatccatc      420
aaatggcaca aatgggtgta ggagaaggga aatcaattgg agaatgggtt ttgggaccaa      480
atacagttgg cacagggtgt ttaaaaaaac ctggccttta ttgacgaat ggggaattccc      540
ttgggctggt ttatgtttca atgggataac cccagtgggt ccattgnaag atttccaaaa      600
aaattgtgcc gtgtccttcc cettgagtgc tgacacagct gggttgacag ggcctncccc      660
attcct

```

```

<210> 8742
<211> 1433
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (347)...(1333)
<223> similar to gi306316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8742
gcccccttca ggccccagcc cctttgccat gggtagagcc caaactggga acggtgaaga      60
gtgctccct tgattgatct gtctcctct acatgggccc cagctccttt cagaatatca      120
gatgtccaac atttcccttc tggtctttt tagctcccaa gtatctgctt ccttaaaggc      180
cctgagtcac ttcttctctc tttgttctc actggcccg gagcaagcgc gagtgtgcga      240
actgcagagt gggaaccagc agctggagga gcagcgggtg gagctggtgg aaagactgca      300
ggccatgctg caggccact gggatgaggc caaccagctg ctcagcacca ctctcccgcc      360
gccaaccct ccagctcctc ctgctggacc ctccagcccc gggcctcagg agcccgagaa      420
ggaggagagg aggtctgga ctatgcctcc catggcctg gccctgaagc ctgtattgca      480
gcagagccgg gaagcaaggg acgagctacc tggagcgct cctgttcttt gcagttcctc      540
ctcagatctt agcctcctgt tgggcccctc ttttcagagc cagcattctt tccagcccct      600
ggagcccaaa ccagacctca cttcatccac agctggggcc ttctctgcac ttggggcctt      660
ccatcccgat catagggcag aaaggccatt cctgaggaa gatcctggac ctgacgggga      720
gggcctccta aagcaagggc tgccgcctgc tcagctggag ggcctcaaga attttttgca      780
ccagttgctg gagacagtgc cccagaacaa tgagaacct tctgtcgacc tgttgcccc      840
taagtctggt cctctgactg tcccatcttg ggaggaagcc cctcaagtgc cacgtattcc      900
accgcctgtc cacaacacca aagtctcctt agccatggca tccagtcttt tccgggtccc      960
tgagcctccc tctccatt cacaaggcag tggtcccagc agtgggtccc cagagagagg      1020
tgagagtggg cttacattcc caaggcagct gatggaggtg tctcaactgt tgcgactcta      1080
ccaggctcgg ggtgggggg ctctgcctgc tgaggatctc ctgctctacc tgaagaggct      1140
ggaacacagc ggcaggactg atggccgagg ggataatgtc cccagaagga acacagactc      1200
ccgcttgggt gagatcccc ggaaagagat tccctcccag gctgtccctc gccgccttgc      1260
tacagcccc aagactgaaa aacctccgc acggaagaaa agtgggcacc ctgccccgag      1320
tagcatgagg agccgggggg gagtctggag atgagcccc ctaccctctc tctctttgt      1380

```

tctctcattg ttgttatttt aataaatgct cagtagtctg aaaaaaaaaa aaa

1433

<210> 8743
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (19)...(441)
<223> similar to gi4519515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8743
ctggagtttg actacatgtg ccagtatgac tatgttgagg ttcgtgatgg agacaaccgc 60
gatggccaga tcatcaagcg tgtctgtggc aacgagcggc cagctcctat ccagagcata 120
ggatcctcac tccacgtcct cttccactcc gatggctcca agaattttga cggtttccat 180
gccatttatg aggagatcac agcatgctcc tcatccccctt gtttccatga cggcacgtgc 240
gtccttgaca aggctggatc ttacaagtgt gcctgcttgg caggctatac tgggcagcgc 300
tgtgaaaatc tccttgaaga aagaaactgc tcagaccctg ggggcccagt caatgggtac 360
cagaaaataa cagggggccc tgggcttacc aaccgacgcc atgctaaatt ggcacccggg 420
tggctttctt tttgacan 438

<210> 8744
<211> 1094
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1073)...(1010)
<223> similar to gil020145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8744
cccattgaac ctgaacaaaa gtcgttcccc aggggtgggccc aagttaaccc cctccccgcc 60
ggaagccata aagagaaatt tctgaaggag gccccgggtg aaaaaaaagc cagccccctt 120
gaagattggg ccaattaatt tcacccagaa agagtgggccc tgtctagatg ccagccagag 180

```

ggtcctttcc agggatgtta tgtcggaaac cttaagaatc taacatctgt ggggtgtgaaa 240
gatctgagtc actaagctca gtggtaaaga gaagaaatga tagcctgcat gaaggcaaaag 300
ataactcttg taacatgatg acagtgttct caaaatatgc aaatttttcc attcatcaaa 360
caaataattta ctaagtcact cctgagaacc agccagaatc tttctgcata agccagagct 420
aatcaccaag cttgagcaag aagaggaaca gtggagagag tttgtccatc tcccaaacac 480
agaaggcctt tcagaaggca agaagaaaga gcttcgagaa caacatccca gtctgagaga 540
tgagggggact agtgatgaca aggtcttcct tgcatgcaga ggggcccggcc agtgccccct 600
atctgccccca gctgggacta tggacaggac ccgggtgctt caagcatccc aggctgggccc 660
accctttttt ttgctacacc tgtggcaaat gtttcagcag gcgctcctac ctctatagcc 720
accagtttgt tcacaatccc aagctgacta acagctgcag tcagtgtggg aagttgtttc 780
ggagccccaa gtccctcagc taccacagac gcatgcatct tggggagagg cccttctgtt 840
gcacgctctg tgacaagacc tactgtgatg cttctggact aagttgtcac cgccgcgtcc 900
atctgggtta ccggcccat tcatgctctg tgtgtgggaa gagcttccgg gaccagtttg 960
agctcaaacc ccaccagaag atacacaaa accaggagcc agtggatgga aaccaggagt 1020
gtactttgag gattccaggc acccaggctg aattccagac acccttcgcc agaagccaaa 1080
ggcggacgcg tggg 1094

```

```

<210> 8745
<211> 796
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (352)...(796)
<223> similar to gil542885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8745
gcagtcactc ggcgatgatt taaatatggt caccocaaaa aagagctcct ttcttggcca 60
caccaaccaa tanccntttt ttctctataa ggggttttten nnnnnnnnnn nnnnnnnnnn 120
nnnntatgtg ttgtcgtgtc ttcttgggtca gggcccgcag gctgtgtagc acatgctccc 180
agcttctgag gaggatcccc agtggggggag aaaatgcttc tggggcacca cagagccctt 240
ccttggttggg gggctgacga gatcccgcaa agcctcccac ttogatctgc ctctaattgc 300
tggcgatggg ggggtgggaca gcagggccct gtggcccgcc cgcgagcaga caaacctgag 360
gctgaagaga atgtgagtgg agaccacaca ccaccctaag agtgggggtc cccacagcac 420
ctaaagtggc aggacgtgcc ctcgggtaga ggcacagtga ggctgtgcgg gcaacacagg 480
caacctcctc cgccagaacc ggggacgcct cgcaacctcc tccaccagca cgggggacaa 540
cctcctccgc cagaaccggg gacaactggc aacctcctcc accagaagcg gggacaacct 600
cctccaccag aaccagggac aagctcctcc ccagaacca ggggcgcctc gcaacctcct 660
ccaccagaac cgaggacgcc tggcaacctc ctccaccaga accgaggacg cctggcaacc 720
tcctccacca gaaccgggga tgccctggcaa cctcctctac cagaaccgag gacaacctcc 780
tccaccagaa ccaggg 796

```

<210> 8746
 <211> 2443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (682)...(5)
 <223> similar to gi56590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8746

cccacgcgtc	cgatttaggg	ggtataagta	cagatttctt	acatgcatat	attgcatcgt	60
ggtgaagagg	gggcagttcc	ttttgattgc	tgagtagtat	tccatgggtat	ggatgtacca	120
cagtttgctt	aaccattcac	ccactaaagg	acataagagt	tgttttcagt	tttttgccct	180
aataaagctg	ctgtgaacat	tcatgtacag	gtttttatgt	gaacatacat	tttcattttc	240
tgggataaat	gctcaaaagg	gcaactgttg	ggttgtatgg	taaacacata	tatttttgta	300
agaaactacc	ctactctttt	tccagagtgg	ctctactttt	tacatacagc	cactcataca	360
attcagacag	caatgtatga	ttgatccagt	ttcttcacat	cctcaccagc	atttggtatt	420
actactattt	tttatcttaa	ccattcacat	agatgtgtgt	aatgatacca	catgtggttt	480
taatttgcac	ttccaatggc	taatgatgtt	gagtatcttt	ttgtgtgcta	atttgccatc	540
tatgtatcct	cttcggtgaa	atgtcttcat	gtcttttgtc	tattttctat	ttaggtcatt	600
tgttcttttt	actattgagt	tttgagaggt	tttttatata	tcctagataa	aattcctctg	660
ttagatatgt	ggttgcttga	atttttaaca	taacttctac	caaggaaaaa	taagtaaaat	720
ttccaaccct	tgcattggcca	gtcacttact	taattcctgt	ccttcagtgt	tccatctaga	780
gaattaagag	atatgatgta	taaaatagac	atcgagggcc	attaagagag	taaatactta	840
aaaatacatg	ttatgaaagc	aaagccaata	atcactgtag	gagtatgagt	tgccctaagg	900
ccaaaactaa	tgtaaataag	agaaagtgtg	gatataaatg	accattgttt	ataaacagtt	960
atgaaaaatg	ctgtgacttg	aaatctttcc	cacatctccc	aagaaagtag	gtaggagttt	1020
atcctttccg	taatctcttt	ttaaccctgc	tgactattac	agggtctgtt	taatcacagt	1080
ggcaagaatt	acatgtatct	tacagtaaag	aaacagaata	ctggaatcgt	tagagaacct	1140
tgatgtgttg	acctggataa	agtacaaagg	tggaagaggg	aatgagttat	gctgttaaaa	1200
tctcaggcta	ttctgttaat	gttctctgta	ctatgaacct	aaactttttt	tttccccctt	1260
ttgactcctt	gtgtcttctt	ctcctgtggc	ataaaagtag	ttctgtcgtt	aacttgtaca	1320
acattgccat	ctgctgttga	gaattggtag	gtactgcttc	tgagaacctg	gctgcagatc	1380
cttagcatag	gcagcaaatg	ttgagaaagt	ctatctgtag	tattacatat	actaagttac	1440
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tttttggggg	ggggggggac	ggagcttgct	gcaacgcccc	aggctggagt	gcaatggcac	1560
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ctgagtagct	gggaatatag	gtgcacacca	ccatgcctgg	ctaatttttg	tattttcagt	1680
agaagcagag	tttcaccata	ttggccaggt	tggctctcgaa	ctcctgacct	caagtgtatc	1740
gcctgcctca	gcctcccaaa	gtgctgggat	tacacgcgtg	agccaccaca	cccagcctcc	1800
atcttttaaac	ttttaaatgt	gaaattttcta	tcatgtaccg	ttagcctaac	aagattttct	1860
ttcctatttc	tgactgggtg	ctttccccct	tttaggagca	acgaaagcta	ctctcttagt	1920
tatgttcttg	tgatgtgaca	aaatgtcaag	aagataggag	aagagaatat	tttatttcgt	1980
tgatgctttt	gttcccaagt	gtgaccctaa	acttaagctt	tgtaggagtt	gacattcttt	2040
catgtccctt	ccctttactc	atgccgaaac	tatcaactgg	gacattttgt	gcttttggtt	2100
taaaagttaa	ttgatattat	acttttggtt	tatctaaaaa	gtaaatgtat	ttgcctttga	2160
caaaagactg	acacaagagc	aaataagctt	taaaatcggt	tgttatgtgc	tttcctccat	2220
ttttgagcat	attatccaaa	atgggtctgt	taatataaat	gagaatgatg	cagtttaagt	2280
aagccttggt	ataccattgt	catggacccc	tgtcataaag	ccatttcttg	gtttgttttg	2340


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gaaagaggca tatgggattt atacagattc acttgtaa at gttggattgg ggatttttgt 2400
gtaaattttt tcaaataaag gctagcagaa accaaaaaaa aaa 2443

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<210> 8747
<211> 1397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (405)...(781)
<223> similar to gi2801413 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8747
gcagtatgtg tgagcatgtg tgtgtgtgta tgtgtgtgtg ggggggtgta aaatgtgttt 60
ttcaaagtac tgagaggttg atgggactgt tgcattagct cctctgagaa gaagagaaaa 120
ggttcttggg cctctccctg tttcttcctt agaataattt ggatgggatt tgtgatgcag 180
gaaagcctaa gggaaaaaga atattcattc tgtgtggtga aaattttttg aaaaaaaaaat 240
tgccttcttc aaacaagggt gtcattctga tatttatgag gactgtgtgt ctactatga 300
aggcatctgt tattgaaatg ttccttgttt tgctgggtgac tggagtacat tcaaacaag 360
aaacggcaaa gaagattaaa aggcccaagt tcaactgtgcc tcagatcaac tgcgatgtca 420
aagccggaaa gatcatcgat cctgagttca ttgtgaaatg tccagcagga tgccaagacc 480
ccaaatacca tgtttatggc actgacgtgt atgcaccta ctccagtgtg tgtggcgctg 540
ccgtacacag tgggtgtgctt gataattcag gagggaaaat acttgttcgg aagggtgctg 600
gacagtctgg ttacaaaggg agttattcca acggtgtcca atcgttatcc ctaccacgat 660
ggagagaate ctttatcgtc ttagaaagggt aaacccaaaa aggggtgtaac ctacccatca 720
gctcttacat actcatcatc gaaaagtcca gctgcccaag cagggtgagac cacaaaagcc 780
tatcagaggc cacctattcc agggacaact gcacagccgg tcaactctgat gcagcttctg 840
gctgtcactg tagctgtggc caccctccac accttgccaa ggccatcccc ttctgctgct 900
tctaccacca gcatccccag accacaatca gtggggcaca ggagccagga gatggatctc 960
tgggtccactg ccacctacac aagcagccaa aacaggccca gagctgatcc aggtatccaa 1020
aggcaagatc cttcaggagc tgccttccag aaacctgttg gagcggatgt cagcctggga 1080
gagatggact catggaaacc tggatcggtc ctttttagatg aaggacttgt tccaaaagaa 1140
gaattgagca cacagtcttt ggagccagta tccctgggag atccaaactg caaaattgac 1200
ttgtcgtttt taattgatgg gagcaccagc attggcaaac ggcgattccg aatccagaag 1260
cagctcctgg ctgatgttgc ccaagctctt gacattggcc ctgccgttcc actgatgggt 1320
gttgtccagt atggaaaaaa ccaaaactct cagctttata cctcaagaca cgctcgaatt 1380
ctcgggccgg gaattcc 1397

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<210> 8748
<211> 373
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (41)...(257)
 <223> similar to gi4581122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8748
 ccgagcttgg gtcattggcg cgccggggcg gctgctgggt atgggctgta gcggctcggg 60
 gaaatccacc gtggggcgccc tgctggcatc tgagctggga tggaaattct atgatgctga 120
 tgattatcac ccggaggaaa atcgaaggaa gatgggaaaa ggcataccgc tcaatgacca 180
 ggaccggatt ccatggctct gtaacttgca tgacatttta ctaagctgtg actaccagga 240
 aggctgagg tcatttgtga gtgaacagat ctatgggcaa gtaccctagg tagccccact 300
 taacagatga tgaactgacg ctcagagaga gatgtagcct cgggacagcg tgtggttcta 360
 gcctgttcag ccc 373

<210> 8749
 <211> 1157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (251)...(6)
 <223> similar to gi347457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8749
 ctggggagga gggggcgggg gagaccgcga aggtgaaggt ggaggccgac cagtaggctg 60
 cagaccaggg acatgggtta gttaaggcgg aggtacgagg ccgacccggg gagggggacg 120
 ggggtggggaa acggaggcag gggacagaag aggggagatt gggggagaga tgacagctgc 180
 agggatgggt gtgagccgct agtgatggag agcagaggga gagggccagg ctccagactc 240
 ccacacgccc acacagcacc tctgccaggc ctaggagagg acaggtgcag ctcttgacgc 300
 tctgcgggtg tgcggccaaa ggcaaggccc acgggctgga tgtcacttcc ccgactgtct 360
 cttggttggc ttgtccttgt gcaagaccca gcctgtcacg acagagcctg ggcacttcag 420
 aggaggagcc aggatcgaat ggaagggggg aattggggtc caccatagtc ttctgctctg 480
 gtcctccacg ggtggaccag gatggagtct cctgcctacc tctactgcatt gcaactggacc 540
 tgggatgcct atccaccctc tggcagaaga cactcaccag gttatctgtg aagagactct 600
 gggatcccat cacctcaaag ccagagggtc cccaagtcac cgctgagagc acttgagcct 660
 caaggatgta agcctgacca taggatcttg actccaacag cggcaacccc cacccccatt 720
 gtggtccgct cttaacccat ccactcttct tcggaggcaa ctgagaacac ataaagcaag 780
 cagctaccta gcatccccct cctaaagctt tagactcaga gcccagggtc ccccacaagc 840
 ctcaaggtag cctcaggttt ctctaatttc ctccactccc agttcgaagc aaacagctta 900
 ctgcctagtc cccgccaatc ccaagggcgg gctggctgat ggcagcatgg tgggctggcc 960
 tgggtgtgga gtgaaagagt cactgtgggt ggggagagag gaggacttgg gagctggagg 1020
 tgtgacacct tcagttctgt tcctattaaa ggaccttctg aagggttct ctgtcggctc 1080
 tgtattcgga ttgtccgctt tggggagatg ggggaggagg ggcctcacca tgggtttgccc 1140
 accagcagtc agttgca 1157

<210> 8750
 <211> 1014
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1003)...(1014)
 <223> similar to gi19929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8750
ctcgtccaaa acacttggtc cctgctgaaa ctccaacaat ttgcagatac ttctgggaac      60
cccaggcgtc agtctcctca tctgtaaagg agagagaacc gatgacgtat caggcataat      120
ccttgatgag agtttgctgc gtgcctactc agtgccaggc gctgggggac acagccgtgt      180
tcaggacagc cttggtcctg ttctccggga gccgacattc caggggggaga gaagtttcct      240
gaagacttcc atgctgcgtt ccctctgctc ctgctcctgg cgccatccta ggagccagcc      300
atgcacgcaa gcgtcatgcc tccagggtc tgactgcccc gccctcacc gcaactccac      360
ctcagctgca cacacccttg gcacatcctg aacctcattt tcatgacgga cacacaattt      420
ttgctctctc ctgtccaagc ctcacacctc ggccgccacc tccttcacgc tcaacttcctt      480
tagtgccggc agtaccgccc ctgcctaggc atgtcgacct gcagggaccc ttttctggct      540
cttcgaggcc tctgcccacc atcccctctt tgttctccat agtcccttcc cctgttctc      600
tctcgtttca tcttaactgt ctggcaaagt ccccgccctt gggcgagccc agacctctc      660
agtgcctgca cacagctgcc cacagccaga gaaatccatt taagcagact gcctgcatcc      720
ttcttaacag tgcaaggcag gcaactccctg ccacaagaga ccctgttccc tagtagggca      780
gcttttctcc tcccagaac ctctgtcta tccccaccca atgtctctc acaggcatat      840
tggggaaaca ggtcaggctc tcccaccgta tctgcaagtg tactggcatc catctgtctt      900
cttcctaccc ctacagtaga aacagtgtct gtccccagct gtgctctgat cccggctcct      960
ttcacctcag agcttggaat attgagctgt cccactctc tcctgcgccc attt      1014

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<210> 8751
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (775)...(1399)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8751
ttttttttgc agtctttatt gttttatttt gtttttaaaa gatgggggac ttgctatgct      60

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gcccaggetg	gtetcaaact	cgggtctca	agcgatcctc	ccacctgggc	ctcccaaagg	120
tttggggtga	caggcgtgag	cccccggtcc	cagcctcctt	gcagtcacaga	cagctgactc	180
aggetgggga	ggaaccaggg	caggcaccct	gagaggtggt	ctcagtgagg	tacgtgggtc	240
accagcctgt	gtcggagaat	cagactcctt	aagttcacgg	tcttcccaga	cgtctgggtt	300
tgctgtctcc	atgaatgata	catcaagaca	ctgaggccca	gagggtggag	aggatgtgtc	360
cacagtggca	gaggagcag	ggctcagtgg	cattggagca	agccttctgg	cacccactca	420
gggcctggct	cccagagcac	cgggtctcag	tactggggc	ttaggccggc	ccagacgggc	480
ttgcagctcc	tgcacatgc	cagggtgcgc	gaggccaaac	ccgtgtccca	ggggccttct	540
cctggctggc	accggggtcc	catcatgcct	cagagggtt	ggctccagg	gttccctccag	600
ctggaggggt	ctctgtcag	gagctgacag	ctcctcctca	ggagggttgg	gggctggggg	660
ctcctcctgc	tgctcccagg	ccggagtccg	acgaaaagag	ggccgggagc	gacgtgtga	720
ggagcttctc	gagaggtgca	cgcgactcct	tgggacagag	acgtctagga	gggacccggg	780
gagcggggcc	tgcgtccagc	tggtggcagc	acctcctctg	gactgcccc	tggcctcagc	840
cgtctcggct	tccccgactg	actccggcgc	agcttctgca	ggggcctggg	gtgttggtgt	900
ctcctcctgg	cccctgacat	gttccaggct	ttctggctca	gtctccttgg	cctctgccct	960
ccggcccccg	gtcaccatga	gacctctgc	atcaaggagc	cttgggtgcct	ctccctcagg	1020
gtggtagtcc	ccacaccgcc	cctcactgtc	ttcctctgt	tctctctct	gccatccaac	1080
agcctcttct	tccaacagcg	tccacttttc	tagaagcccc	ccagcctcca	ccatggctcc	1140
catccctctc	gcctcgcctg	tctgggagcc	cgcgggatcc	agcccacagc	tgtcctctgc	1200
gcctgcagat	tctcggcct	ctacccgcc	tccccagggt	cctccctacc	tggactcaaa	1260
agcctctact	tggtcgctc	tgccagtca	ctcttctct	gctgaacct	ccagacaaa	1320
ttcttgccta	cctgcatgct	ctcctgtgc	tgctctttc	ttttctttcg	agtcccaacc	1380
ttgcccagc	gcccctttta	aaaagttaat	tgaacaactg	tggcctactc	tgtgtcagtc	1440
cccgcagctt	agaatcaaac	cgatagcctg	aacct			1475

<210> 8752

<211> 2855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2485)...(2855)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8752

gctctgtgct	caacgtgggt	agcagcaca	gaattgtgtg	aaccggggag	gcggaggttg	60
cagtgaagtg	agggtggggc	actccattcc	agcctgggag	acagagtctt	gctctgtctc	120
caaaacaaac	aaacaaacaa	aaaaaccctg	tagcttggga	tcagccttct	cttctattgt	180
ttttctttta	aaaataaaaa	ttaaaaatag	atgtagatgc	tatgttgctg	aggctggcct	240
caaactcctg	gcctcagggt	atcctccgc	catgacctcc	aaaaccacag	ggattgtagg	300
tgtgagcact	gcaccagcc	ttatgttttt	ttctacataa	aaaacagcac	aggattatct	360
tccagagcta	ataaatatgt	tcaaataacc	acaaccccat	taaggaaaaa	tatcactggg	420
cagcaaataa	tcaatccaga	ccaatatgat	cacaattgct	gtgaagggtga	gaaaagttca	480
tttttattat	gtttcccaa	gagacgcact	ctattgttct	cttgaaaaca	cacagctcat	540
gtcctccttt	agaacacaca	tcctctttta	agtaacatac	aaacatgcc	aaacaaggta	600
aaaaattaca	tctgaattct	cacatttcaa	acatatatga	aatatcaaat	aaaaatttat	660
ttttacaaga	atttagggga	actactacat	agctataaat	gtaatatata	tgtaactaa	720
gtatcataga	taaaaaccat	gtcccttca	gcagcacgtg	taataataga	tacaaagatt	780

gaaaggtaaa	agatttagga	tgaaaagaat	cctctcttaa	aaaggaaaac	aaaattatat	840
gtagtgtgta	tatcaacagt	tataatatcc	atcacacagc	tttatagaaa	cagcatctat	900
tcaaaaatac	cagtatttcc	aaaatattta	aaataatatt	taaagtaata	ataatattta	960
aataaataaa	tatatatta	aaatatttca	ataaataaaa	taatatatta	ataattctat	1020
acccatgttt	ttcaaaataa	accaataaat	tagatagtat	gtattagacg	tgtagtata	1080
tatatctgag	acatgttaaa	aatcacaaact	gaattctcac	aattcagtc	caaacctaaa	1140
cagcaaataa	aaatttctat	caccagaatt	atgttttttt	ctggtgggga	actaccaata	1200
gctataaata	gaagagatta	ttatggaagt	atcatagata	aaaagagtgc	tcgcttcagg	1260
agcacatgta	ataatacaga	aacaaattta	aagataataa	aatatttagg	ataaaaagaa	1320
ttgtctctta	aaaatgaaaa	gaaaattatc	tttatgtata	tataacaact	ataactctca	1380
tcaaaaaact	acaggaacag	catgttttca	aaagtacaac	aatttcctaaa	ctatttgaaa	1440
taaatctatg	aataattcaa	tggccgacat	tttccataca	aaccaataaa	atgcagagtg	1500
tgcatgaagc	tatctgttac	aatctgtggc	actgatattt	cacaaaagaa	ttctgtccca	1560
atctgagccc	ctgcattgtg	ccttcaaate	ctcctggact	gcaagtccgt	aagaaacagg	1620
acctccaggt	tccgccccag	ggaggttggg	attcagcaat	ataaaaaggg	tggtgggtgcc	1680
gcaggaaagg	gtggaactgg	aaacgctcct	ggtttcttac	ttttctccaa	ggactcctag	1740
aaggacccca	ccccctccc	cccaccctcg	ctcctaggag	gacaacgtga	tcactgtatt	1800
cagctccatc	aagaatggtc	caggttcttc	tagatgatct	gcacaaatgg	ttcctctcct	1860
cctgcctggg	gtctgccatt	agcattggaa	taaagtctct	gctgaaaatc	cacatctccc	1920
ctgggtccgg	tgttctggaa	gcgagagaga	caatgtcaca	cttcaaggag	gcagctctct	1980
agacaggaaa	gttattcacg	tcccatgtca	attgagaaat	gcaattttat	ctgctgcctt	2040
tcattctata	ccctgcttct	gaaccatcgt	gttcaactgt	gaaactcaca	ctttgggtgac	2100
cacgactcca	aaactcactt	aatacaccca	aggtcagccc	cagtgatctg	cttcatagca	2160
aggactttgg	gtgggtctgc	ccagggagta	gggcaccctc	agagaatgtg	gctttggact	2220
ttatcacagc	tggggccttt	tgtgtcactt	aagatctaaa	cttgtaacca	tgctagatgt	2280
gttttcta	gtgacaacat	cacgaaccac	gagtccagaa	gcctaactct	taatcctacc	2340
tcctcatgat	gaagtctcat	gctctgtgct	caacgtggtt	agctgcacaa	gatgtaaacc	2400
aaagcttcac	tgaaccctcg	acccaaatca	gtaactcaag	tgctgcaatc	ataatgaacc	2460
tccccaaact	cagtttttat	gattattttt	gaggcagggt	ctcactctgt	cgcccagact	2520
ggagtgcagt	ggcaggatca	gggctccgtg	cggccccgac	cttccaggct	ccagcgatcc	2580
tcccgcctca	gcctcctgag	tagttgggag	tagagatgcg	tcccacatcg	cctggcta	2640
ttttgtattt	ttgtggagag	gggatctcgc	caggttgccc	aggcttgaag	ccagatcaag	2700
caattggggt	ccttggattt	cggaaataga	ccccaatatt	ctgcctttac	cccggagggtt	2760
gcagtgaagc	aagattgggc	ccctccattc	cagcctgaga	gacacagcaa	cactcttgtc	2820
ttgataaata	aataaataaa	taaataactg	tcaaa			2855

<210> 8753

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (200)...(1232)

<223> similar to gi3876562 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8753

ggtcacgagg	cttcgtagtg	gaggaacggg	tttggcgtgt	gggacgcagc	tgctctgtga	60
ctggggagtc	acggagtggc	cgggctccag	ggacatggcg	gcggcctctg	cggtgtcggt	120

gctgctggtg	gcggcgaggaga	ggaaccggtg	gcatcgtctc	ccgagcctgc	tcctgcccgc	180
gaggacatgg	gtgtggaggc	aaagaaccat	gaagtacaca	acagccacag	gaagaaacat	240
taccaaggtc	ctcattgcaa	acagaggaga	aattgcctgc	agggatgatgc	gcacagccaa	300
aaaactgggt	gtacagactg	tggcggttta	tagtgaggct	gacagaaatt	ccatgcatgt	360
atgatatggc	agatgaagca	tattccatcg	gcccccgctt	cctcccagca	gagctaccta	420
tttatggaga	aaatcattca	agtggccaag	acctctgctg	cgcaggctat	ccatccagga	480
tgcggttttc	tctcagaaaa	catggaattt	gctgaacttt	gtaagcaaga	aggaattatt	540
tttataggcc	ctctcccatc	tgcaattaga	gacatgggta	taaagagcac	atccaaatcc	600
ataatggctg	ctgctggagt	acctgttggt	gaggggttatc	atggtgagga	ccaatcagac	660
cagtgcctga	aggaacacgc	caggagaatt	ggctatcctg	tcatgattaa	agccgtccgg	720
ggtggaggag	gaaaaggaat	gaggattggt	agatcagaac	aagaatttca	agaacagtta	780
gagtcagcac	ggagagaagc	taagaagtct	ttcaatgatg	atgctatgct	gatcgagaag	840
tttgtagaca	caccgaggca	tgtagaagtc	caggtgtttg	gtgatcacca	tggcaatgct	900
gtgtacttgt	ttgaaagaga	ctgtagtgtg	cagaggcgac	atcagaagat	cattgaggag	960
gccccagcgc	ctggtattaa	atctgaagta	agaaaaaagc	tgggagaagc	tgcagtcaga	1020
gctgctaaag	ctgtaaatta	tgttgaggca	gggactgtgg	agtttattat	ggactcaaaa	1080
cataatttct	gtttcatgga	gatgaataca	aggctgcaag	tggaaacatcc	tgttactgaa	1140
tatctcgtat	accagaaaca	tgactcttaa	agatggctcg	gtgggcagca	gatcgccagg	1200
cggcattgac	aaaactgagg	tacagccttc	gt			1232

<210> 8754

<211> 1898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1512)...(1843)

<223> similar to gi4481741 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8754

agcaaaatgt	ggtgaatatt	actgatgagg	taatgggaga	aagctaaagt	aacagtctga	60
atagttttgt	gcatcctgag	ttttcttaac	taaggcttta	tttttaatta	aaaacaaaaat	120
ttacattttc	aaaaacggtt	tgctcaaaaa	aaaatagctt	ctaaactata	ttaaattgga	180
ccaaataagg	atttttaatta	ttataaaaca	aagctcagta	cttcaggga	ataccacctc	240
cacaaacggt	gagccaattc	aggggctgcc	agtagaatcc	taaagagtga	tgtctccggt	300
tcagtgaac	accatctgca	gtccacaccc	cttgaggaca	attcaggcca	taaggcagac	360
catgctcagc	agagctgccc	cttcaccacc	ccagtcacca	cccttagcct	gattgggcag	420
gogatggctc	atagccagga	aggetgcctc	cctcaggctt	cccaaaacca	atcaagggca	480
tacgcggctc	agccacactt	ttgcactcat	attcccgtat	gcttccgctt	aaatgtactc	540
atgaaaaatt	ttaagatggg	ttgctgtcac	tcattcccctg	acccagacgg	gttacacaga	600
tctggcagtg	gacacacctt	ccaacacagc	atgaaaagag	cataggaaaa	cccagggtcca	660
gctaagccct	acctcaaagt	aattttggcct	ttggttcctc	ctctgaaagc	aggtggatac	720
aaactgtttg	gctataaaat	tgtgaatcta	tggaaactga	gaataattaa	agcttccaac	780
actaaaccac	aaaggcaagt	agtgtctgtc	cacactgatg	gggcaccacc	tgcaccaagc	840
cccagactcc	agtgcgctgg	gggcatcaga	catctgtcat	agtcacaagg	agcaagaagt	900
tctaggttcc	ctcaccactc	cctcctacgc	tcctccagtc	ttcaaaaatg	ccttgaaata	960
accacttttg	ggaccecaatt	cttaatctgt	tgcaaaacaa	tctgcttaaa	atagccttaa	1020
ttaagatgta	agtccaaacc	attgctcttc	ccttcataaa	aaggagaagg	taagattacc	1080

agaggttgtc	atgactatgc	cagtaacaga	tctatcccag	aattatacca	cttaaagcag	1140
actgtagaa	gccccctcag	tgcagtgggc	agcacgtcag	tctcataatc	tcaaggctct	1200
gagttaaagc	agactgtata	ggaagatcta	tagaaacccg	ttactactaa	aggggaaaaa	1260
aaaatactgt	acttaaaaaa	attagaagcc	agtttaccat	tagagagagt	tttgatttga	1320
gataaaaga	acatatccct	ctccaaaact	gagtttcctc	tgatacaaaa	gtatttgcct	1380
tctggagaag	atatggtttg	caccgtccaa	cagggtgtgct	ctgaaggccc	ccactgaaat	1440
atattgcatc	atagatgagg	ggaaagactt	ggttaatttc	tcttatcaaa	agctagtctt	1500
caggacatcc	tgtccaactt	ggctcccagg	ggccaagggg	ttcttctcag	agattgttct	1560
tagagacccc	caaacctgca	gccaagccc	aggagccacc	tgtgcatctt	cgccacgtcg	1620
ccaggctgtc	aggagcatgc	gtctctcata	gactggtctc	ctcacacact	ctgacgggga	1680
tggttatagt	ccgatcgctc	tcagcaatga	gcgttaccac	tggccagtcc	ttgggtgggt	1740
cgggtgggta	gactgtgatg	aattcttccg	tggtgtactt	ggagagccgg	tacacctgga	1800
tggtgtggcg	cacagcatag	gcaagaagga	acatttcaac	cagcatgagc	tccgggtcct	1860
gcagccaggg	cggcagcccc	acagcctggc	tcattggcc			1898

<210> 8755

<211> 1918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (311)...(1819)

<223> similar to gi5305335 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8755

tttcgtctgc	ccaaggcctc	catggctgag	cctggaggct	cttggaacag	gctccgcgcc	60
caagctggca	gacatgggtg	ctctctggag	ccgtcagaga	gggcagagag	ctcgtggttt	120
atggtgtaaa	ggctgggagc	ttggaggggg	tcgtgtgtgg	ggctggactc	tgaggcggcc	180
agaggcctag	gaacgttatc	ctgggcacac	cgtgcgtggt	gtgcagtctg	agtcagtctc	240
cctgggtagg	gcatccagct	cccagcctgg	gagtgtctgag	agccaaatcc	accgtagagc	300
aggggtgaga	gtcagggtcc	cacctctctc	atctgccggc	aatccagtgg	tgacctaggg	360
taaaagcttg	agagtcccat	acacacggtc	atcccacgac	atacctcaca	ggccaggcag	420
ggacacacag	cccccttccc	tccctcccag	gtaccgtcat	agctgctagt	gtgactgaag	480
gcagtgtccc	tggccccagc	tgaagcaccg	tagccagcca	gcgggctcac	gcaccttggc	540
ctgttgctcc	taggggtcact	tgtgccattc	agccaagggg	acgaccgtgc	ctgctggccc	600
agctgagctc	cgcccagtgga	gccccacccc	cattctcctg	ccactgactc	tcgtcttctc	660
gcttttccca	gcaggaaggg	cccagcctca	cctacgagac	ctgcagcccc	ccgaccagct	720
gaggctcccc	tcttagactt	ataagtctat	ggccactggc	atccggctgc	ctgccctccc	780
tgcttcccc	agggtccctt	cagaggggtcc	tgggctttct	gaacaccag	aggggcctcc	840
ggcgtccct	ccagccatcc	cttttagttt	cacctcctg	gttcaagcag	tgttctttct	900
ctatcaggcc	tggtggctgt	tgcattgggg	tccccaaagg	aaggggtggc	cccaggccag	960
tgggttgga	gacagggtga	ccagagaaga	gggaagcccc	agggggccga	gcatcagcct	1020
gaattgcggg	tgccttgccct	gggtgccgtg	tgagaggcca	gcgtgtgtgg	gggtgggaagg	1080
gccgccacag	cccccaggcg	ctatctgtga	agctacgggt	cctccctcca	tcttctctcc	1140
ctttcccttc	cagccccctt	tccaggaacc	ttgccacacc	cacacctgca	gcctcccttc	1200
cccgcccttc	ccaccactgc	tcgggcgcgg	ccggccccgg	ccgtgtgtgt	cgcttgccct	1260
accagctctc	tctctgcttt	tctctcccgt	tttctctctg	ctttctctcc	aactgccagc	1320
cgatcgggtc	aggcaagtcc	atcccgtcct	gagagcccca	ggccccctt	cgacctctaa	1380

acagatccct	cctcttctcg	gagacctccc	tttccaagcc	tgcctggacg	gctgttctgt	1440
gacttgacag	tggetccccc	agccccaag	ccagccccct	tcatctgtga	cttaatctgt	1500
tgtagtggtg	agctgataca	ttcaggtgtg	accgttggtg	aaaacttggtg	ccccttctgt	1560
ggtatgccct	tgccctgttc	tataaatatc	tataaatact	catatatata	cacacctaca	1620
catggccaac	cgctcgct	ctagcgctgg	gaatcagtca	ctgtgctatc	cttgtggagt	1680
cttgtggccc	aactaccaga	gaacgctgtc	ccccgacatc	ccactccaaa	gtgtgccacc	1740
tccagtgagc	ctccttgtca	tgcccggcct	gtggacagcc	agcccccgcc	atccctccca	1800
ccccctacca	agcatggggg	tgctgtgcag	gcagccgtgt	ggcctgacag	tttctaccag	1860
tcctgctgtc	cctcggctga	gaataaaacc	catttctgga	tgatggggaa	aaaaaaaa	1918

<210> 8756

<211> 1906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1281)...(49)

<223> similar to gi2317934 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8756

ccacgctgtt	acaaagggga	catcatgggc	tgtggaatca	tgttcccccg	ggactacatt	60
ttggacagtg	agggggacag	tgatgacagt	tgtgacacag	tgatcctgtc	tccgactgcc	120
cgggcccgtc	ggaacgtgcg	gaatgtcatg	tacctgcacc	aggaagggga	agaggaagag	180
gaggaagagg	aagaggaaga	ggatggggaa	gagatagagc	cggagcatga	gggcaggaag	240
gtggtggttt	tcttctactc	gaatggcaag	atcattggga	agaaggatgc	tgttggttct	300
tctggaggct	tcttccccac	cattggaatg	ctgagctgcg	gggagaaagt	caaagtagat	360
ctgcacccct	tgagtggcta	gggcctcccc	tccagacctg	ctccttctcc	ctgctcacc	420
tctgctgggc	caggcaccca	gttcctgact	tcccagaggc	ttcgtttacc	cagcaggccc	480
ctggaggtgt	gtagtcactc	tgccccact	ggctcaggcc	cctgtcacgc	ttctctgtgc	540
ccacgtttct	gacctggtgc	tgccactgtt	gtcagtcctt	gggcctgagt	ccctggttgg	600
acaggaatgg	acccaaagaa	tggtgttggg	atgtgggtgg	tcccactcgc	tttggtcagt	660
gggcttcttg	gtcccccttt	ccctcacccg	ccctgtgtgg	gtggagaggg	gtgagcaccc	720
tatctcagct	gctattcggg	catgatgctt	tgtagagggt	agagtagaca	gccccctccc	780
ctactcacca	tggtatttct	ccttgaattc	ctctttcttg	ttttctttcc	tggttgtgtg	840
aaccagttgc	tgctgtcata	ccccggcag	ggccagggga	cctctctttg	gtcatctctg	900
tcctttcact	ggctgctgcc	ccaggaagac	tcctctaggc	tctccatctt	tcccttgaga	960
gctggctccc	caccccaacc	tgctcaggca	ccacagagga	tctaggtctc	tggctcccca	1020
tacctggacc	cacatgggtg	ggtgcctgtt	gcatgtttaa	gagagagggg	ctgtgaggtg	1080
acagggcact	agggccttca	ctcctttctc	cccttccatc	ctttctttac	cagtgccacc	1140
catgtcccta	gctcccgggt	attggggctg	aggctctggg	gcctgtctcc	ctgccagcgt	1200
gagggcaaga	ccccagagcc	ttagctgagc	aagcccagag	gggcagcgtg	gccccctcct	1260
ccctttttcc	tgccccgtcc	catgcctcag	cttgcctgct	gtgccagttg	cctgtttcgc	1320
ttcagtgttt	gattctagca	cttacatgtg	tcctccccac	caagccctct	atctccttct	1380
aatccttcaa	cccctggccc	cctccccgta	acagtgaatt	ttccagggag	gaagaggcag	1440
caggagctgt	tggccttggt	ttgcacagag	cgggtagggc	tgtagggaaa	gcgggtgagc	1500
tgttggtgtg	ctgggcctcc	ctttggccct	cgcttcccac	cctacgatgt	atgaaatgta	1560
tgtacagacc	agagatgttt	atacagccga	ttaaagatgga	gtttccgtat	ttatcagtat	1620
ggccggaacc	aggagccttt	ctagtcacct	gggctaggaa	caggactgct	ggatgggggc	1680


```

agccgaaggc agcttgctca tggggagatg tggaccaatg ttgggccagg gatgggaatc 1740
atatgttcca tgggcctggc tacaggcctg agcacagata cgtcccctgg gagatgaggc 1800
tttgaccttc ctgtgaataa gtgttgactc caatttcggc taaagtttat agaaattctt 1860
tattattaga caaaaataga ctctcttttt tcccctaaaa aaaaaa 1906

```

```

<210> 8757
<211> 413
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (126)...(411)
<223> similar to gi213273 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8757
cccatcaaaa atcagtatatt ggctaattgt taacttcaaa atccagtaat acagtcactt 60
gctgccacca gccccacac cgtgtcttcc catggctcca ccgccctgct cttccacagg 120
ttgcaatgga aatagagatc gccgcgctca tcattgacaa tggctctggc atgtgcaaag 180
ctggctttgc tggggatgga tggcccctga gctgtgttcc cctccatcat caggtgaccc 240
cggcaccagg gtgtgatggt gggcatgggc cagaaggact cctacatggg ccatgaggcc 300
cagagcaagc acgacatcct gaccctgaag taccctatca agcatggcat catcaccatc 360
tgggatgaca tggagaagat ctggcaccac accttctaca acgagctgtg ccc 413

```

```

<210> 8758
<211> 1981
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1982)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1160)...(1866)
<223> similar to gi3184290 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8758
tttttttttt gctagtgtgact gatacattta ttagttttcta acaaaaaggc atacatggta 60

```

ggcagagtag	aaataactaac	agaaattagt	ttatcttgaa	accaatttta	gtcaggaaga	120
cttcttcaca	gagaatgagc	tgaatatata	aatcccaaat	atatcacacc	atatatgtga	180
tatatattaca	cctaaatata	tcacaccctc	cttttttggtc	acagactatt	cccaggaggg	240
ttaaataggg	taacggttta	atttgagggc	attcaaggaa	tgtccaccct	aaaactgaaa	300
gtgaaattgc	tcttagggga	aaaattgggg	ttgatgaggg	aggnttgatc	ttagcctgtc	360
tcagacaaat	ttggttttatt	tattttttact	taacgaccca	tgtgatagta	tagttgcaag	420
ctatacttca	tttaactaca	atcattactc	agggggacaa	tcaccttaag	aggcaaatta	480
agttttaaaa	ttagccacag	aatttaataa	ttacccaat	ccagcattgg	acatagatgc	540
ccatcaggta	tgcaaagatt	aacaaaattc	ctattaccca	accttagagg	aaaaaaactt	600
aatgacatac	agaaatactg	gcaaatttaa	gctagaatta	gctccaggac	attttatctt	660
attttcacat	taaaagaata	gattactaga	tatcagcaga	aatgctgtta	aagctatttt	720
ttactaatag	ttgttcatat	taatgaaaca	aaagatcaat	agtctctgag	ctaaatttca	780
caaaatgaaa	tcagtgtctt	ctgatttaac	tttcaggagt	aagaaagggc	aaaacccaag	840
caccatactt	tctattttctg	ttcataaact	caaataaaaag	cagtatcaac	acaaatgatc	900
atataagaaa	acacgtgggt	atgtttcagg	ttccacaaca	taagacactg	tgaggtaact	960
ctcctgtaat	acattcccat	ttttttctgg	aatagcagat	gcatagaaat	gcaggtttcc	1020
aaaaattcac	ccaatttagt	aactaatttt	gattctgatg	cctgatagta	gggtgtgaaa	1080
agctgtaaaa	cccaaagtgt	tcttgtgttc	tttcacaagg	acaaggaag	aggatgctct	1140
gccaaactgc	ccctgctgcg	tcatagtggg	ccagtttcaa	tgatccagac	tgtcagtcac	1200
cccatccagc	ctcatcctca	tctggaccca	tttctcacca	cccaatcagt	ttcaatgatc	1260
cagactgtca	gtcaccccat	ccagcctcat	cctcatctgg	acccatttct	caccacccaa	1320
tcagtttcaa	tgatccagac	tgtcagtcac	cccatccagc	cacatcctca	tctggaccag	1380
tttctgacca	cccaatcagt	ttcaatgatc	cagactgtca	gtcaccccat	ccagccacat	1440
cctcatctgg	accagtttct	gaccacccaa	tcagtttcaa	tgatccaaac	tgtcagtcac	1500
cccacccagc	ctcatctgga	ccagtttctg	acgacccaat	cagtttcaat	gatccagact	1560
gtcagtcacc	ccatccagcc	tcatcctcat	ctggaccogt	ttctgaccaa	ccacccaatc	1620
agttttcaatg	atccagactg	tcagtcaccc	catccagcct	cagcctcatc	ctcatctgga	1680
cccgtttctg	acgacttaat	cagtttcaat	gatccagact	gtcagtcacc	ccatccagcc	1740
tcatctggac	cagttttcga	cgacccaatc	tgtttcaagg	atatggacgg	tcagtcaccc	1800
catccagcct	catccagct	cttaactcct	tctgcatagt	tcagtttctt	ttctggcaag	1860
taattcccaa	tttcttagaa	aaccctgatt	ttgtgattta	acactgattc	gaatccactt	1920
taaaccaaaag	gaaacaggcc	gggcgtgggtg	gtcacgcct	ataatcccag	cacgctggga	1980
g						1981

<210> 8759

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1930)...(1928)

<223> similar to gi2388676 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8759

gcggccgcct	ggagctctcg	gcctcggcct	tcgacgacgg	caacttctcg	ctgctcatcc	60
gcgcgggtgga	ggagacggac	gcggggctgt	acacctgcaa	cctgcaccat	cactactgcc	120
acctctacga	gagcctggcc	gtccgcctgg	aggtcaccga	cggccgtgag	tgcttcccc	180
ccgcccccca	gctccccccc	ctcgaccctc	gaccgcccgc	ccggcccgcg	cgccgctgac	240

cgcgccccct	ccgcagcccc	ggccaccccc	gactactggg	acggcgagaa	ggaggtgctg	300
gcggtggcgc	gcggcgcacc	cgcgcttctg	acctgcgtga	accgcgggca	cgtgtggacc	360
gaccggcacg	tggaggaggc	tcaacagggtg	gtgcactggg	accggcagcc	gcccggggtc	420
ccgcacgacc	gcgcggaccg	cctgctggac	ctctacgcgt	cgggcgagcg	ccgcgcctac	480
gggccccctt	ttctgcgcga	ccgcgtggct	gtgggcgcgg	atgcctttga	gcgcgggtgac	540
ttctcactgc	gtatcgagcc	gctggaggtc	gccgacgagg	gcacctactc	ctgccacctg	600
caccaccatt	actgtggcct	gcacgaacgc	cgcgtcttcc	acctgacggt	cgccgaaccc	660
cacgcggagc	cgcgcgcgcg	gggctctccg	ggcaacggct	ccagccacag	cggcgcccca	720
ggcccagacc	ccacactggc	gcgcggccac	aacgtcatca	atgtcatcgt	ccccgagagc	780
cgagcccact	tcttcagca	gctgggctac	gtgctggcca	cgctgctgct	cttcatcctg	840
ctactggtca	ctgtcctcct	ggcgcgccgc	aggcgccgcg	gaggctacga	atactcggac	900
cagaagtccg	gaaagtcaaa	ggggaaggat	gttaacttgg	cggagtccgc	tgtggctgca	960
ggggaccaga	tgctttacag	gagtgaggac	atccagctag	attacaaaaa	caacatcctg	1020
aaggagaggg	cggagctggc	ccacagcccc	ctgcctgcca	agtacatcga	cctagacaaa	1080
gggttccgga	aggagaactg	caaataggga	ggccctgggc	tcctggctgg	gccagcagct	1140
gcacctctcc	tgtctgtgct	cctcggggca	tctcctgatg	ctccggggct	cacccccctt	1200
ccagcggtcg	gtcccgcctt	cctggaattt	ggcctgggcg	tatgcagagg	ccgcctccac	1260
acccctcccc	caggggcctg	gtggcagcat	agccccacc	cctgcggcct	ttgctcacgg	1320
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cctggcagcc	ccaaaactgg	ggtcagcctc	agggcaggag	tccactcct	ccagggtcct	1500
gctcgtccgg	ggctgggaga	tgcttctgga	ggaggacact	cccatcagaa	cttggcagcc	1560
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agagctcccc	cacctgtacc	accatgtggg	actccaggca	ccatctgttc	tccccaggga	1680
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tcactgggct	ccctgtgact	tctgacctg	acacccctcc	cttggactct	gcctgggctg	1860
gagtctaggg	ctggggctac	atttggcttc	tgtactggct	gaggacaggg	gagggagtga	1920
agttggtttg	gggtggcctg	tgttgccact	ctcagcacc	cacatttgca	tctgctggtg	1980
gacctgccac	catcacaata	aagtcgccat	ctgattttta	aaaaaaaaa		2029

<210> 8760

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (281)...(471)

<223> similar to gi4877793 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8760

ctagcatttt	gggaggctga	ggttggagga	tcaactgagc	ccacgggtga	tcatattttg	60
taataatctg	gcgtatccca	ggggataccg	tctcagaatc	tgcaggtttg	accttatctc	120
tttagctacc	attagcatag	tatgagggca	tttaccatgt	cctctagcca	gcctcctgat	180
ggcagtaggt	ctttcctggt	ttggaggatc	cgtgcctcat	ccatagtcag	ggaatagccc	240
tgtcacctgc	aaaggtctgg	ttgacactga	aactctaata	ataggctcct	aacagtaacc	300
ttcttttctc	ccacagtgtg	atccagtgat	gattgatgcc	atcaaagttt	ctgctgctca	360
cagggccccg	tacttttgga	gcaacctacc	cgggatgaac	aggatctttg	gctttcctgt	420

gcactacaca gacgtgtcca acatggggccg tgggtgcccgc cagaagctgc

470

<210> 8761
<211> 506
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (195)...(504)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8761	
gacaataaaa tctccgtggc acccgctaag aaaataacta aaaccatcca caaaagaaa	60
tgccaaagaa attaaaatcg ttccactaga aaatatgtaa tacaaaagaa agaaggtagt	120
aatggaagaa tttaagaaca agagacacaa aataaaggaa acaaatggca aaatatcaga	180
agtaatcttc ctcatcaata attacattaa atgtcaatgg tttaaactcc ccaaataaaa	240
agcaaagatt ggcagatcca attgctatct acagagattc cccttagact caagaccca	300
aatagaaagt aaaagaagaa aatattccat gcaaacagta aacaaaagaa agctgaagtg	360
gctatactaa tatagacaaa tagacttaag ataaaaattg ttcttatagg gcactgtata	420
atgataaaag aatcaatcta tcaagaagat ataataatca taaacttact tgtacctaac	480
aatagaattt caaaatatat aaagcg	506

<210> 8762
<211> 836
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (610)...(803)
<223> similar to gi3868940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8762	
tggaacnnnn nnattaatag ctgcgtatag gcngccantt agggataaat tacttgatcg	60
tggccagtta gtagagctga gattcaaacc ctggcttttt ttaatctaga gcttgtgctc	120

taaactacta	taggggattc	attcagttcc	ttagaaggag	aaagatccta	gagcggcact	180
gttcagtatg	gtagccacta	gccacatgtg	gctgttgagc	acttgaaatg	tggctagtct	240
aaactgagat	gtgctaaagt	taaaatacac	accgattttg	aagatgtaat	gtgaaatata	300
tgtatatata	aagtatctca	ttaatactgt	ttagtattgg	ttacattttg	aatgataat	360
gttttcggta	aataatatgt	taaaattaat	ttcaccctta	aaaacatttt	taatattact	420
agattttctat	tagacagcac	tatacaagag	gaaatcactg	gacttgaagc	tttaaatgtt	480
tagcacacat	ctagcaaacg	tctgtagcct	tctgtacacc	aggcatatgg	tactgggtga	540
gagtcttggg	gaataaaaaca	gaatcagaca	ttgcccata	ggagcccaca	gactagccag	600
acggggtggg	tgtctgtgtt	tttggtttgg	ttgaagttga	gttgaccact	ttatccgctg	660
ttgatttttg	ctttggctag	gtgtctgcct	gtatcccagt	gttcaggctg	gctagacggc	720
ggaagaagat	cctattttac	tgtcacttcc	cagatctgct	tctcaccaag	agagattctt	780
ttcttaaacg	actatacagg	gtattgcagc	tcattggtga	gctctctcct	cgtgcc	836

<210> 8763

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (315)...(1403)

<223> similar to gi498152 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8763						
gtgggccttt	gacccctcgg	atgattacgt	tcgcccgggc	cgaccacgc	gtgcgccccg	60
tcgcgggagc	cgttcggggc	cttctgggca	tgtctgccat	atggctccag	gtttgttttt	120
ctccccggca	ctctgacggg	gagggctccc	ggcatctcct	ggcgctccgg	tagaggacgc	180
ggaggatgct	gagctgctgg	cgcactgcag	cacaactaga	gatgtacgga	tgcccccatc	240
ttgatcttac	agaatcagag	gtacagccgc	gagaaaggtc	tagtcaagaa	cagacagagt	300
cgcttgagga	ctcaggaggg	tgtttgctgc	gttgacaaca	gactacaccc	tcacagtttg	360
ctctgctctt	ccaacaccag	tgggaagatga	tcacatccca	gggatcagtg	tcgtttaggg	420
atgtgactgt	gggcttcact	caagaggagt	ggcagcatct	ggaccctgct	cagaggaccc	480
tgtagaggga	tgtgatgctg	gagaactaca	gccaccttgt	ctcagtaggg	tattgcatca	540
ttcacagggt	attgcattcc	taaaccagaa	gtgatcctca	aattggagac	aggcaaggag	600
ccatggatat	tagaggaaaa	atttcgaagc	cagagtcatc	tgggtgagtt	agtgccagat	660
ggaatttaaa	gaattaatta	ataccagtag	aaactattca	agaatgaagt	tcaatgagtt	720
taacaaagg	ggaaaatg	tctgtgatga	aagcatgaaa	taattcattt	tgaagaggaa	780
ccttctgaat	ataataacaa	tgggaacagc	ttctggctga	atgaagacct	catttggcat	840
cagaagatta	aaaattggga	gcaacctttt	gaatacaatg	aatgtgggaa	agctttccct	900
gagaattcac	tcttccttgt	acataagaga	gcttacacag	gacagaaaac	atgcaaatat	960
actgaacatg	ggaaaacctg	ttatatgtca	ttttttatta	ctcatcagca	aacacatcca	1020
agagagaacc	actatgaatg	taatgaatgt	ggagaaagta	tctttgagga	atccattctc	1080
tttgaacatc	agaatgttta	ccatttcagc	cagaatttaa	atccactct	aattcagaga	1140
acccactcaa	ttagcaatat	tattgaatat	aatgaatgtg	gaaccttttt	cagtgaaaaa	1200
ttagcccttc	atttacaaca	gagaacacat	ccaggggaaa	aaccttatga	atgtcatgaa	1260
tgtggaaaaa	ccttcaccca	gaagtcagcc	cacacaagac	atcagagaac	acacacaggg	1320
aaaaccttat	gaatgtcag	gatgtgggaa	gaccttctat	aagaattcag	acctcattag	1380
aatcaaaaga	attcacacag	g				1401

<210> 8764
 <211> 1678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1679)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (298)...(1679)
 <223> similar to gi4929812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8764

gctcggggta	atagggctgc	tgctcggcct	tccgttggcg	gcgagcagca	ggggcatgag	60
ggctaaccgc	ggaagcggca	gctgagcggg	ccgggaggag	cgccgggtccc	cgtggatccc	120
gagagtgcag	agctcggggc	aggggcccgg	aggcgtgggg	gagccggggc	ctcccctcag	180
gaacgtgtcc	cggggcccgc	ccggcccgtg	gtgtggaagc	agcttcagggt	aggtgagctc	240
gtgaaacaat	atgaagagga	gaaaatagcc	ttttaaggaa	attggcccac	agaaaggatg	300
gccttcttgg	acaatccaac	tatcattcta	gctcatattc	gacagtcaca	tgtgaccagt	360
gatgacacgg	gaatgtgtga	gatggttctc	attgatcatg	atgttgacct	agagaagatt	420
catcctcctt	caatgcctgg	agacagtggg	tcagaaattc	agggaagcaa	tggtagact	480
cagggtatag	tatatgccc	gtcagtcgat	attacctcaa	gttgggactt	tggattaga	540
agacgtcaa	acacagctca	aagattagaa	cgactccgaa	aagagagaca	aaaccagatc	600
aaatgcaaaa	atattcagtg	gaaagaaaga	aattctaagc	aatcagcccc	ggagttaaag	660
tcactgtttg	aaaaaaaaatc	tctcaaagag	aagcctccaa	tttctgggaa	gcagtcgata	720
ttatctgtac	gcctagaaca	gtgccctctg	cagctgaata	acccttttaa	cgagtattcc	780
aaatttgatg	gcaaggggtca	tgtaggtaca	acagcaacca	agaagatcga	tgtctacctc	840
cctctgcact	cgagccagga	cagactgctg	ccaatgaccg	tggtgacaat	ggccagcgcc	900
agggtgcagg	acctgatcgg	gctcatctgc	tggcagtata	caagcgaagg	acgggagccg	960
aagctcaatg	acaatgtcag	tgcctactgc	ctgcatattg	ctgaggatga	tggggagggtg	1020
gacaccgatt	tccccccgct	ggattccaat	gagcccattc	ataagtttgg	cttcagtact	1080
ttggccctgg	ttgaaaagta	ctcatctcct	ggtctgacat	ccaaagagtc	actctttggt	1140
cgaataaatg	ctgctcatgg	attctccctt	attcagggtg	acaacacaaa	ggttaccatg	1200
aaggaaatct	tactgaaggc	agtgaagcga	agaaaaggat	cccagaaagt	ttcagggttca	1260
agggcagacg	gggtttttga	ggaggattcg	caaattgaca	tagccacagt	acaggatatg	1320
cttagcagcc	atcattacaa	gtcattcaaa	gtcagcatga	tccacagact	gcgattcaca	1380
accgacgtac	agctaggtgt	gcactcttcc	cggggggtgct	caggaagagg	gctgctcccg	1440
tggactgcct	caggccgagt	gctgacacat	ggcggcagga	gcagataggg	tgctgcggtg	1500
ctgcctgcgc	tgccttaaga	agctgagact	cacacaagtg	ttaagagggt	atctctggag	1560
acaaagtaga	gatagaccct	gttacgaatc	agaaagccag	cactaagttt	tggattaagc	1620
agaaacccat	ctcaatcgat	tccgacctgc	tctgtgcctg	tngaccttgc	tgaagaaa	1678

<210> 8765
 <211> 1775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (682)...(1371)
 <223> similar to gi4761644 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8765
gggtggttcag ggggcgtgta acctggggccg attctgcccc agcacactgg ttgtcgggag      60
ccccgcctcc gctcgcggtt gacagctcag ctggtgccga gcaactcgtg ccagccagtc      120
gtgtctcagc ctggagagtg cgcgcaccgc cgcccgggca gccgctggct ccagctcacg      180
aaacagcccc gggcgccgcg ccgctctgag tccagcctcc tactgagaac agtccctccc      240
ttgtgcgggg cgcacggcta gccgcagggt cggccacgtc aaatccattt tctaaaaaag      300
cagggagcag agctctctct tcgccgccga cgcagaaagg agctggggag gaaaaagctg      360
ctgccttttg cgctggagat tcgtgggcaa ggcttctcat tttcccaggc tgcttcccct      420
cccgggtgag gagcgtcctg agactaagga aagagcctgg aaaatggagc agacctggac      480
gagagattat tttgcagagg atgatgggga gatggtaccc agaacgagtc acacagcagt      540
tctgtttcat tgacagcttt tcttagtgac actaaagatc gaggcctccc agtgagtcag      600
cagatctgga gaagtgggtg aaaggtcccc tttgtgcaga catattcctt gagagcattt      660
gagaaacccc ctcagggtaca gaccagggtc cttcgagact ttgagaagca cctcaatgac      720
ctgaagaagg agaacttcag cctcaagctg ctcatctact tcctggagga ggcgatgcaa      780
cagaagtatg aggccagccg ggaggacatc tacaagcgga acactgagct gaaggttgaa      840
gtggagagct tgaaacgaga actccaggac aagaaacagc atctggataa aacatgggct      900
gatgtggaga atctcaacag tcagaatgaa gctgagctcc gacgccagtt tgaggagcga      960
cagcaggaga tggagcatgt ttatgagctc ttggagaata agatgcagct tctgcaggag     1020
gaatccaggc tagcaaagaa tgaagctgcg cggatggcag ctctggtgga agcagagaag     1080
gagtgttaacc tggagctctc agagaaactg aagggagtca ccaaaaactg ggaagatgta     1140
ccaggagacc aggtcaagcc cgaccaatac actgaggccc tggcccagag ggacaagtag     1200
gtgccttcgg tgctcttttt gtcgcttgte ttttgcccat tctcaaggca tacagcagct     1260
gtcctgttcc ctttcaagga ctgacagtag gagcttcact atttctaaga ctttatgggc     1320
ccacaaccga agacattctt ttcagggttg aattttcagt ggtatccatt atgaaaactc     1380
acttcatgga ttcagtgggc aaatagcggc aagcaagaga catggattca cttattcggc     1440
aaacattttac tgggcatgcc acatgccaga taccgggcta agtatctggc atgtgttaca     1500
gaaacaaaag acctaaatct tgtcaccaag aaacatgtta catgatttta ataagttccc     1560
tgatagaaga gcatgggggtg ctctggggaa atattggagg gtcattccatt ccacattaaa     1620
agagcaagtt gtctgctgtg gtctgaatgt ttgtgtccca tccccacctc cctccccac     1680
cagtttatat gttgaaatct taacccttaa ggttaatact tctgcctcca gaagtattat     1740
gaggtggagc cattaggagg tgattaaatc ataga      1775
  
```

<210> 8766
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (403)...(425)
 <223> similar to gi483916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8766
ctcacatcac ataaactcac atcaccta atgtgaaggac tcacatcaca taaaaaagac 60
tcacaaacca aagagactca cataacacat aaggactcac aacaaaaagg actcacatca 120
cataaggact cacaacacat aaaaaactta agataaagggt gaaaaaagac attccatgca 180
aatggacacc aaaagcaagc aagcttagct attcttctat cagacaaagc agacttttaa 240
gcaactacag ttaaaaaata caaagagaga cgttacataa tgataaaagg actaccccaa 300
caggaaaata ttgcaattct aaatatatgt gcacctaata ctatagctcc caaatttgta 360
aagcaattac tactggacat aagaaatgag gtagacagca gcacaataat agtgggggat 420
ttcatag 427

```

<210> 8767
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (463)...(906)
 <223> similar to gi178997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8767
aaaaaacaag ttattcgtat ttgccaaaca gacctcaaaa ctgctgaaga ggccaggatt 60
aagtatcaga ttttctagat agtttttcta aacatttggc cttagaaatt tcaagtaaaa 120
atgtgttttg ttgtgaacag aaattcaccg gcattattac ctaagtgtat ttccgagatg 180
ttgccacgta tgttttctta ttacagcta gagttaatta tgaaaattgt ggggttggag 240
gcgaggtggg ggtggcggtt tgttttctcg tgctctccaa ctagcgtgct ctcttcccct 300
ccccgcggc gtgcagtggg gtagagaaaa ggtggcgacg gcgactggag cagcagaggc 360
tgtagcatcg gatacccacc tcccacgaac cgggtcctct tccccctcct tgctgtgtgt 420
ttgatgtgtt gaagcaggag ggagaacgcc gcgagcagcg ccgtgagcaa cactaccatc 480
gtccccagca ctgcggatcc gggccctagc ggcgggcccc gtatcggagg tgggtggcggc 540
ggtggaggcg gcggcatcga ggtaataggt gactaatctc cccgggcgct agctctgagc 600
atatgcggac tctcttcggt ttcctaggca agatcgacga accacacctc ttcccgcggg 660
ataattcacc tttgccaatc gcaatctcgt taaattccat gatccagact cagcagttgt 720
cgcaccatgt ctgacaaaca ctgtattcct tgacagagct ttgataacgt accatatgca 780
taaggagtta ttctgataa ggctaaggct tgtctctgtt ggcaccagct aatgcaatgg 840
caggtcttct gcttggtgtt gggctcctgc ctactcctaa cccacttact cagactggcg 900
ctg 903

```


<210> 8768
 <211> 1048
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (150)...(1047)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8768
cccttctccg agccagggtca ccgcaggggt ctgaaagggc aggggtgggt ggggcttaca      60
tgctgagcaa ggggtgggtg aaagagggcc gacatgggtg ccacaggcgg cctcggggat      120
ggggcgcggc tggacgcagg cagtcgggtcc ccggtgggtcc ggcggtcctt catgcactct      180
gtacagcgtg ggggcgggat ggcgggggca ggggcatcag tctagaggct gcaggcctcc      240
tgggtccacc agcgcttcct cagctccttg cctggccttg ggggcggcgg ggcgggcgcg      300
gcgggagggg cttegggcag atgcaggacg gagttctccc ctggctgcac ccgcaggtag      360
gccttgacct tgtggtgccg ggccttgccg tcgctgaagt cgatgacgcg gcaactcgtag      420
gtgccttcgt ccgtgggctt caccggggac aggcgcagct tgtgggagat gttgctgccc      480
accaccttga ccacacttat tttggttgcc tccttccctg cgtcttcctg ctgagatget      540
tttagctggg tcgaggccca cgctgcttg tcggtccagt cccggtggct ccgtacatac      600
caccactgga tctccagcga gtaggagggg gagccgctgc cgcggaagga gcaggccatc      660
tccacgtcct cgcccgctcc tgcgtgcatg tcatgggggt tctctgtgaa cagggcgtgg      720
ccggagacgt ggttgtccca gggcgcggtg ccggcgggcc gcgtggcgcc gccgagttgc      780
aggaaaagtg ccaggtagtg gagggcgccc agcgctacgg cgagcggggc ccccatcgtg      840
cgctctcggg ccgggggcgc cgccgcctca catctgggce ccggagaccg cagaaccggc      900
gccagctgtc ccctgccttg agcggcctgg ctgcccggct ccggcagctg cccctcgccc      960
gctgtccccg gaccggccc agtcccagc cctcgcccgg ctccggccca gcccggctt      1020
cggggagcga gcgcacgccc agccggcc

```

<210> 8769
 <211> 569
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(427)
 <223> similar to gi5817200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8769
agaggggagg agaaagcact ttacagacc tcacattcca ctgctgtcat cacagctggt      60
cacttctctg gatccagcac gtcagggtcc agtgcacacc tgcctgaatg cagttttgtc      120
ctgtaaacct agcctggaga aagcaggccc ttctttccct taacatgata ctttcacttt      180
aatctattca tgcctaccaa gtagtcacat agatgggaag gacacactgt agggcatggt      240

```

gtgatcctgg	acaagtgtta	ggagggccct	tccatcagtg	atatgtgtac	tttttcctgc	300
tgtgaaagct	aattgtcgct	gtcttattat	tttacaggcc	aaggaggtag	cagagcaaac	360
tctgggatct	gggttagatt	cctttgagtt	gattccgttt	aaggcagccc	tgcggttaagc	420
aatggctgat	attttttata	aggaaatfff	ttttcttcgg	gttgggaataa	tctttttttc	480
ccttataatt	aagatttcat	ctcccttttg	aaaaatgttc	aagtaaaata	atgggatggg	540
gggaaggaga	ttatttcttg	attcacccc				569

```

<210> 8770
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (680)...(8)
<223> similar to gil235614 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8770						
ccgccccgga	atttccgggt	cgacgatttc	gtccgggagg	gcggctcgca	ggcaccatga	60
ctcctgtgag	gatgcagcac	tccctggcag	gtcagaccta	tgccgtgccc	ctcatccagc	120
cagacctgcg	gcgagaggag	gccgtccagc	agatggcgga	tgccctgcag	tacctgcaga	180
aggtctcttg	agacatcttc	agcagcaggt	agagcagagc	cggagccagg	tgaggcccat	240
tggagagaag	gtctccttgg	cccaggccaa	gattgagaag	atcaagggca	gcaagaaggc	300
catcaagggt	ttctccagtg	ccaagtaccc	tgctccagag	cgcttcgagg	aatatggctc	360
catcttcacg	ggcgcccagg	accctggcct	gcagagacgc	tcccgccaca	ggatccagag	420
caagcaccgc	cccctggacg	agcgggccct	gcaggagaag	ctgaagtact	ttcctgtgtg	480
cgtgagcacc	aagccggagc	ccgaggacga	tgcaagaag	ggacttgggg	gtcttcccag	540
caacatcagc	tctgtcagct	ccttgcctgt	cttcaacacc	accgagaacc	tgtacaagaa	600
gtatgtcttc	ctggaccccc	tggttggtgc	tgtaacaaag	acccatgtga	tgctggggggc	660
agagacagag	gagaagctgt	ttgatgcccc	cttgcatttc	acagagagag	cagctgacag	720
caggtccaga	gaatattcta	tgtgcaaacc	ttggcagtg	tgaaatgatg	ttcacctact	780
gctgacttcc	acattgcaag	actatgtcat	gcggctggg			819

```

<210> 8771
<211> 1495
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (617)...(1495)
<223> similar to gi6015442 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8771
ttaggagggg tttcagaagc aagatctcta cttccttcag aataataagg tagggaagga      60
agcctcaaaa caaagtggca atttggaggc agagaaggaa taaggtagtg gtggggagga      120
aagggatagc aagcagggttc agttcaggaa ctaaaggcaa aatcttcata ctcataccct      180
gtttgagtcc aagaggaagc aggaatgaga gtaagggtgg ggcacataat ccttattcaa      240
gttacctgat atttgaagag aaggacacat gaacactaga gttaatcttt tagtgctact      300
gaaatggcta cacagttaat ctggaagttt aagagctaac aaagctgcaa agacaagctg      360
ctctttgttg taaagtggac tgaagatggt tcaaataaaa ctacatccaa aaactggtag      420
taagaaaagg gatctcttag caaataggaa tctaggtgta gaatttatac acatatatat      480
tttttaaaagt ataaaaatga gaaagtatgt acaaaaaatc atcctaaatc ttagaaagga      540
gacataaaaa aaaggctgtg gaaagcctgg ggagttatgt ggggtggatgc ctagcagttg      600
gaagaatgca tattgcccac ctgcccagca gccagcacaa gaatatcttt cttctccttg      660
tggaagcgca gtcctctgcc tgccagtcgg gcttcaccca gctcccgtc agtagaggcc      720
agctctctag acagtgcctc cggcacactc tgctcccggc tcacccagtc caaggccatt      780
tggtggcgaa tatcatcatc cagggcccggtg tgcgaataat gagccaacac ctctgcccga      840
gagcattgtc gttccctcat ggccttaagg ctgccattcc agtgtagcag ttgaaaaact      900
gtcattagct cctggaactc caacattgat ttgcccttgt tggattccag catgaatcgg      960
aaggcaccaa tccctgtatt tgggttgtca gcttctctcc tgttgccatt aaaagatgcc     1020
agggcctcag agacactctt ctcgatgaac tcatcagtga ttcttcggga aggatgttca     1080
ttaaacacag aattcattag cgcaatcttt gcagcactcc tccgggcctc agcttttgtg     1140
gggcaaaact ggaaactccc aaagcagctt cccccaggca gggtgacata gcagacataa     1200
ggagggctgt tggagggaaac catctcataa accactagag cccattctt taagtacgca     1260
ccacgggact gcttcactctg ccagaattcc tgaagtgcct ccaccacatt cactgaatgt     1320
ccgcagaatc tccgcctggc caggattggg gccgtggcca cggggcagcc gaggtggcgg     1380
agccagtttc ctggggggccc gcatggcgtg gggggggggc acccggtatc ccttgggtgtc     1440
agtatctgcg ccccgggcgcc ggatcctggt cctcctctcc ggagcgccca cgaaa         1495

```

```

<210> 8772
<211> 2457
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2278)...(71)
<223> similar to gi2317962 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8772
ttttttcacg gacagacagg gtcgtttgtc acagcagaga agcacctcac ggctcctacc      60
cgactcatc gcggacagtg cctgcagcgg gagcggcgcg agcaccctcc ccagatgaaa      120
acaccagcac caggaggtgg gccgtagccc aggctgaggg aggagggctgg gggctggggc      180
tcagggccccc ccccggccca cagcgccacc ctgagtggcc ctgaaaaatag tgcacagtgc      240
tggttactgc cccggccgga ggcacctagt tgttgagcat tccggccaca ggccaccgcg      300
tgcccttccc ttggtgtggc acgagaccac gggcacttgc aggagctccc tgcattgtgt      360
tttgtgcttt ggtctcaggg agcaccctcc tacctcgggg tcccagagtg ggcagccggg      420
caggtgtgaa cagtgtgaca aggggtaccgt ggggcacctg gtagtgccac ccagaggggg      480
agccggtgct cctggtggtg tggcagcaac agttacaaac tcacccaag tccaaacccc      540

```

```

agaaatcctg tttctctggc cctccgggtc cagaatgccc tgcactgcct cctggcctca 600
ggggtgctg cgggtgggtgg aaggctgccc agcagtgagg aaggcgagtg caggggctgc 660
ggccgcggtc agagaaggag agacaccagc agaggacgcg aagctgcgac cggccagggt 720
cagagcccgc ctccggttgct cccaatcaga atctgctttg tgctccacgg cctccaagca 780
ctttcatgag cgttctgctc ctacgtggcc aggtcctacc ttccctgacg gctctggcca 840
ggccagctcg gtttccctct aacccatgag gcctgggggg gctgtgacag aggctggaag 900
cgtggccaga gccccagggc agggccgcct ggtcacagca ggatgaggct ggggtggcgc 960
agctgccggt acacctgtag cagcctctgg gcggtggcac aggagctggc ctcatcctcc 1020
gtgcagagcc ggtcgcgcag ggtctgcacc tcccgcagca gtgtctcgtg gttggcgtgg 1080
atctggcgga ggtactgcac acggagatca ggagcgtgg agcctgggc ggctgctct 1140
gtcaccatcg tctgcatgcg cccgacaacg gcatggtgcg ccctgcaa atgtcgccaga 1200
gaggagcttt ccacttgaat ctccacggcc tggatggggc ctgctgggca caggctgggtc 1260
atggccacct ctcggaacat gagggtgaac ttggcgccat caggggccac tccctggatg 1320
gaagatagtg ctcgggccct cacgacgtcc acagcagcat tctcagcaag gagccactgc 1380
aggggtggcac agcacagggg cagccctgag tggcgcctct tcaaggcagc tctgagcagc 1440
tccgccgaca ccttgatgga agccacagat gggggcaggt actcgcccg caggagggcg 1500
ggtcctgctg gctggctgcc aggcctcccg caagtttcca gaaaagtggc cacagggtct 1560
cgggtggggc cgagtgggga gggggcccg gtgtgtggca gggccaggcc agggaaagcg 1620
agacactgca gcatgtccac tgtgtgcctg ctccaggggca ggcaaacc ctcttgctcg 1680
ggcaggacgt cggaggggca ctcatccaga aaggggtcct cagagtctga gggggcaagg 1740
gccccgcca ccacctccct gagactgtag aacagcgtgc aggacacggt cacgggcagg 1800
tcgagcccg cgttctcacc agggcccgag ggtagcgtca cctcccgcc agcacccggg 1860
ccgagctggt ccacggggat ggtgtagggt atggcgaggc aggcagagtc caggctcgaga 1920
gcacaggagc tggtagcac ctggatgcac aggggtccac cctggtccag gctgaagctg 1980
ctgctgttct ctagcacgca ggtggccatg agcacatcct gtgtctgcag gcggtccag 2040
gtggtgctgg tgggtgcagga gatgggtctg gggcccgtgc cgttgacag cagtgcacag 2100
ctcacgttca tggcctcgtt gaggtctgtc agtgcttgt tccgtgggtc aaccgccttc 2160
tttagaaaag acactctctc agagatgttg ccaattccag acagcagtc ctttattttc 2220
tgacctgcac tctctgtggt catcctggct gggccaggca tctcagagtc caggctccagg 2280
ctgcaggta tcaggcgggc tttggcgac agggccagga gcttgggtgc accttcatgc 2340
gtcctgggag acgcggacag cgagacgaca ctgcagatgt tcaggctggc tgggcacagc 2400
atggggggca ggccctcccg gccttcttcg ggctgctcag ggcccagcgg ggtgttt 2457

```

<210> 8773

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(688)

<223> similar to gi296382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8773

```

ggagaataag aaaactgtct ggcacacaat aggtactcaa taaatgccca ttttcttccc 60
tgccacagag cagaaagaag cagagactgg tggagtcagt ggagactgaa gggcaagagg 120
agaggagaga aaggacataa ttgcttgcat accagaagtg ctcaataaat gtagtccttg 180
ccttgaaga gggcagagag ctcagaaaca caaggaaagg acagaagagg gaccggggag 240
gaagagagtg aggaaacagc cagagaatct gctagaaggg agagaggaga gagaagagcc 300

```

ggacagggag	agcagaagtg	agaaaaagga	gggtggccac	agagaggaca	gcgagaaaaa	360
gagaacagga	agaggggaaa	agagaagaaa	tgggagaggg	aagaaggggtg	ggagagaaaa	420
cggaacagag	agggggcaca	gacagcggac	tggaccgaga	gggagatgga	gcggtgcgga	480
gggggagaga	gaaagagggg	gggaaggagg	gtaggagagg	gctggagata	ggggaaaaga	540
gaaaaggagg	gtaggagagg	gctggagaga	gaagggaagt	taagaaggga	gcaagggggtc	600
ccagacagcc	ctatgcctga	ggtcaatata	gaactggagg	tgagacatta	gagttgcatt	660
atgcccataa	gccaaactgc	atacgaaa				688

<210> 8774

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (478)...(1129)

<223> similar to gil82099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8774

tttttttaaa	agcaatttat	ttctgattac	aaaatacagg	tgaggagcat	gggcgatgcc	60
tgtaacccct	tggttgtgca	tcttcccagt	ctatttctgc	ttctagaaat	accctgtgta	120
caacagcaag	ctcatgctgt	ccccaaagtgc	ttgcacattc	taacagctgc	agagtatatg	180
accaggtgga	aagtccaaca	gatgccccac	tcacaagata	gggccctcca	atcagtcttc	240
tggctccctt	tactcatag	taactggttg	ctcttccctat	tggtcataga	taaatgacac	300
ctgcacaatt	ctccgagtgc	tttcaagcaa	cttcgggagg	cagtgactaa	gaccctttcc	360
ttgctccag	cttccctatgt	cccagggctg	cctgtggcac	ctggactgct	gctgcccctg	420
ggtcccgtac	attccagggc	aacaatggag	gaagggcgag	caacgcatga	ggaattaaca	480
gtctttattg	ggctcagacc	aggagtccgt	gggtcttgag	gacctctgtg	tatttgtcaa	540
ttttcttctc	cacgttcttc	tcggcctgtt	tccgtagcct	catgagctgt	ttcttcttcc	600
ggtagtggat	cttggctttc	tctttcctct	tctcctccag	ggtggctgtc	actgcctggg	660
acttccagcc	aacctcgtga	gccaggcgcc	ccagataggc	aaactttctt	gtaggcttca	720
gacgcacgac	cttgagggca	gcaggaacca	ccatccgctt	ttctctgtcg	tagggcggtg	780
ggatgccgtc	aaacaccttg	agacggtcca	gagcggcctg	gcctcgcttg	gttttgtggg	840
gcagcatacc	tcgcacggtc	cgccagaaga	tgcggtggg	ggcccggag	tggtaggggc	900
ctcgggaagg	gttgggtgtc	atccgcttgc	ggaggaaagc	caggtaacttc	aacttgtttc	960
tgtagaaatt	gccagaaatg	ttgatgcctt	cacagcgtac	gaccaccacc	tttccggccc	1020
agcagtaggc	tggtttagcc	ccgatggccg	gccaggcggg	cccaggagat	gggcctcgac	1080
catcaaagca	ccaggacctg	cacctccgcc	atcttcggca	gccgcttgg		1129

<210> 8775

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (306)...(570)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8775
gctgcgagaa gacgacagaa ggggacactt aggttctttg tagctaactg tgtgatcttg      60
ggcaagtcac ttggcctttt agagcttcat tttcttcaaa cacaacaata agaactacta      120
tgtgagggga cttcaaagaa aactcatgga aaaatacata ttatgaaaaa actgcagaat      180
ttcaaaatth tgtatgcacc aaaataaact tgcactaact tgcataaca tatctgaaca      240
ggatgtagtt tgaggcacta agaaggataa gacatcagtt tgaaaagagc ccctatcaga      300
gcaacataag ttctgctaaa attgaagcaa aaacaaacat aaaatttatg gtgaagctgg      360
gtgaaagaat ggtgaaatca ttgatgcttt acataaagtt tatggggaca atgccccaaa      420
taaataattg gatggctcat ttttaagaagg gacaagatga tgttgaagat gaagcctgta      480
gtagcagact gtccagtttg caaggaaaaa attcatcttg ttcatgccgt aattgaagag      540
gaatgatgat taacagcaca aataatagc                                     569

```

<210> 8776
 <211> 1083
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (63)...(1083)
 <223> similar to gi5689519 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8776
atcctctaga gcggccgctt ccccgcgccc gagcgaggag gcaggctgcg gcggcgagag      60
gcggctgctg ggccatgggc gcgccagtgt cgccctaggg cgggcgcaaa gaccacagcc      120
ggagcggtgg tggcagcctc cgcagaaagc cttcccgggc ggcgggcgcg gcggccccctg      180
gagcagcgcg gccgggatga gcgggagctg cgcggcgccc ggcccgggct cgggctcctc      240
cccgcccgcc tgccgcttcg cgcactactt cgtgctgtgc gggatcgacg cggacagcgg      300
gctggagcct gacgagctgg cggttttgta ccaatggcta gaagcagatc gtcatggcaa      360
gagccaaggt gctgcaaata cgacttcagg cgaaaatttt ggccagagtc ctttgaaaag      420
aacattcaaa tccaaagtgc tcgcccacta tcctcagaat atagaatgga acccttttga      480
tcaagatgct gtgaacatgt tgtgcatgcc taaagggcta tctttcagga caaaaacgga      540
caataaagac ccccagtttc actcatttat aattaccagg gaagatggtt ctgcaccta      600
tggtttttgt ctcacttttt atgaagaagt tacaagtaag caaatctgca cagcaatgca      660
gacactttac cagatgcaca acgctgagca ttacagcagt gtgtatgctt catcttcctg      720
cagtatggac tcattggcaa gtagtcttga tgaaggagat acaacttccc ttttgaaact      780

```

ccagcgatac	aactcctatg	atattagcag	agacaccctg	tatgtttcaa	aaagtatatg	840
cttgatcaca	ccgttaccat	tcatgcaggc	ctgcaagaaa	ttccttatcc	agctttacaa	900
ggctgttacc	tcacagcagc	caccaccctt	gccacttgaa	agctatatcc	acaatattct	960
ttatgaagta	ccccttccac	ctccagggag	gtcactgaaa	ttttatgggtg	tttatgaacc	1020
tggtcatctg	ccagaggctg	ggcccagtg	actccccctc	tctgattanc	cccttcggga	1080
ggc						1083

<210> 8777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (551)...(739)

<223> similar to gi9449 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8777	
tttcgtctac	gttgtggcgg ttccctgggtg aatgcgcctt ggggttgagg cgtctgcggg 60
cgttcggacg	atgccgtgac gcggcacggc gacactgttg gcaatatgag cgcacccctg 120
tagagggagc	ccttcgggtcc tggaggcggc gcggcgtgaa gacaggttgc tatttgagag 180
cgttcccttg	aagccctca gagagtgggg gaggggcggc ggacggcggc gggtcctgtc 240
tgcgtttgcg	ccggcgcttc tgcgacccg gcctgcacgc acgcgcatgc ccgtagcgcg 300
cggagccgcg	gtggccggca gactgcgcg tgcgcgtgga ggagcccgtt aaggagcggc 360
gctggcggac	gtcgggctgg ctgcccgtga cgtcgtgcgg agagctttaa agtgcgggcc 420
gggcccggcg	tccgagggtc tggtcgggag tcgggcccgc tctccgcagc agccctccgc 480
ggcatgaggc	gctgctggcg cccctgcccc gcgggacgtg gagaagggtg aggaggaaga 540
agccccgttg	tcgccaccgt tgcatacccc gccgctcctg aggccctacc ccacgcccgg 600
accctcgacg	ccccccgcgg ggtccccac tcacgcattg gggttcggcg ctaaggaccc 660
ccctccctcc	gggggccccg gggcgcgctc ccttagagcc atgcccggct gccccgcccg 720
ccccagaggg	ccctagtagc agcgtcgtgg ggaccatggc ggccgcaag 769

<210> 8778

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(608)

<223> similar to gi3413516 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8778
cgacccacgc gtccggtgga tcttgccctc cctgtggctt ctcttgcttg gggggcctgc      60
ctgcctgaag acccaggaac accccagctg cccaggtggg cacctagggg gccctcctca      120
ccaaccact cctcattccc tegtgggtg tccccccacc aaggctcatc aacctcaagg      180
agcaggggtg gagtttcata atctgggctc tgcattgaaa tatatgcaaa tggatgcaaa      240
gcacacgaaa ccttgccagc tcaggagaca agcatcctga cagtgggaat ctgggagaca      300
ggaagagaac tgaagagggg tctggaagag acagtctacc ctgtgcccac cctgcctgtg      360
tctccctgta ggacccaggg aactggaagc cagcaaagtt gtcctcctgc ccagttgtcc      420
cggagctcca ggaagtcctg gagagaatgg agccccaggt cctcaagggc catctggacc      480
accagactag atggtcccca cgtgtgagcc aagacatcca gtgatcctgc tgcgatgacg      540
ttatagcctc ataaattgac ggcagctcaa gagcttattc gccaactttg ggcggattta      600
accattcttg ggaattttaag agcaggctgc ccacctgggt aacg                        644

```

<210> 8779

<211> 1840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (584)...(1580)

<223> similar to gil196425 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8779
gtggagcatc cctgtggggg actctggcca gcttgagtga cgcagatcct gagaccactc      60
ccgggtaggg aattgccccg gtggaacgcc tcatcagagc agtgcgtggc agggccctgt      120
ggaggatcaa cgcagtggtt gaacaccggg aaggaatggg cacttgaggc ccggacattt      180
gaaacttggt aatcgagtgt ggatcaagga ctggaacgta acttctttgt gccacgggtg      240
gaaagaccgt agtctgtcgt cctgaccact cccaccgctg tgaaggtaga gggaatccca      300
gcctggatcc accacagccg tgtaaaacct gcagcacctg aaacctggga ggcaagacca      360
agcccagacg acccttgacg agtgaccctg aggaagacga caagccctgc tccagtcaca      420
cccagaagct gactgggtcca cacatggcgg aagcatgagg aagctcatca tgggattcat      480
ttttcttaaa ttttggactt acacagtaag ggcttcaact gaccttactc aaactgggga      540
ctgttcccag tgtattcatc aggtcaccga ggtaggacag caaactaaaa caatctttct      600
gttctatagt tattatgaat gtatgggaac attaaaagaa acttgtttgt ataatgccag      660
tcagtacaag gtatgtagcc tgggaaatga ctgacctgat gtgtgttata acccatctga      720
gccccctaca accaccagtt ttgaaataag attaagaact ggccttttcc taggtgatac      780
aagtgaataa ataactagaa cagaagaaaa aggaatcccc aaacaagtaa ctttaagatt      840
tgacgcttgt gcagccatta atagtaacaa gctaggaaca ggatgtgggt ctcttaactg      900
ggaaaggagc tacagagtag aaaataaata tgtttgcatt gagtcagggg tttgtgaaaa      960
ttgtgccttt tggccatgtg ttatttaggc tacttggaag aagaacaaaa aggacttggt      1020
tcactttcag aaagggggag ccaacccttc ctgtgctgcc agtcaactga acccactaga      1080
actaataatt accaatcccc tagatcccca ttggaaaaag ggagaatgtg taaccttggg      1140
gatcaaaggg acagggttaa acccccaggt tgccatttta gttcaagggg aggtccacaa      1200
gcactctccc aaaccagtgt ttcaaacctt ttatgaggag ttaaactctg cagcaccaga      1260
acttctgaaa aagataaaaa atttgtttct ccaattagca gaaaatgtag ctcatccct      1320
taatgttact tcttgttata tatgcggggg aaccactatc agagaccgat ggccttggga      1380
agcctgagag ttggtgcccc ctgatccagc tcctgatata atgggggctt gtccaggatc      1440

```


tcatacaggac	tggatggctc	tcgctggact	atactggata	tgtgggcaga	gagcctacat	1500
tcagttaccc	taatgaaatg	ggcagacagt	tgtgttattg	gcactattaa	gccatccttt	1560
ttcttattac	cgataaaaac	tactgggtact	atctgtaaat	tccagacatt	gtatgagaaa	1620
gcactgtaaa	actttttgtt	ctgttagctg	atatatgtag	cctccagtca	cattcctcat	1680
gcttacttga	tctatcatga	ccctttcacg	cggacccctt	agagttgtaa	gcccttaaaa	1740
gggctaggaa	tttctttttt	ggggagcttg	gctcttaaga	catgagtctg	ccgatgctac	1800
cggccaaata	aaaacctctt	ccttctttaa	aaaaaaaaaa			1840

<210> 8780

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (668)...(858)

<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8780						
cggcacgaga	aaaaagatat	atacttaggt	gtgtagtagc	tggttcacag	gcatgcatag	60
cctcaactta	tataagttat	gccaacttgt	gttctgaagt	gggcatggca	gcttatgctc	120
ccagcaggag	tctatgagaa	ttcttgttgt	acatcctcac	caacatttgg	gattgtgaga	180
cctcatgttt	tatccatcta	ttcagctgga	agtgaatct	cagaggggtt	tttaagttgc	240
ttactagtga	gcatgagcat	cttttcatat	gttgcttggc	ccttcctgtt	tccccatctg	300
tgatttgacc	attcaagggtg	tttgctact	tttcaatggg	tctattcttt	ttgttattga	360
tttgtagaaa	tcccatataa	attatggaaa	catttaggtc	tttaactgga	attaatttta	420
tatgaatgct	gggagataga	aataaatttt	tgctgctttt	atcttcttac	ttgtttattt	480
tcatggtttc	ctggcatttt	atttttggtt	tattttttgc	ttttaaatat	aactatatag	540
ctgggtattac	actatgtagc	aactgagtg	ttttgtcttt	ttaaaagcat	ttcgttatat	600
aaaaatgggg	tgggcacagt	ggctcacgcc	tgtaatccca	gactttgaga	ggctgaggtg	660
ggtggatcac	ttgaggccag	gagtttgaga	ccagcctggc	caacatggca	aaatcccgtc	720
tctactaaaa	atacaciaat	tagccgagcc	tggtggtgca	tgctgaaaa	taccagctac	780
tcggatggct	gaggagtgag	aatcgcttg	aacctgggag	gcgaagggtg	caatgaactg	840
agatcacacc	actgtac					857

<210> 8781

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (193)...(461)

<223> similar to gi339771 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8781
ccgatggagg cctattccag ccagcgctac aagaactgct aaaaggagct ctaaaccttg      60
aaagaaattc ttgaaatact ccaaaataga acctccttaa accgtaaadc ttacaagacc      120
tatgtaacaa taatatgatt tttaaaaaaa ggtattcagg caacaaatag catgaggaat      180
agaatagtac ctcacatctc aatactaaca ttgaatgtaa atggcctaaa tgctctactt      240
aaaggataca gaatggaaga atggataaga attcaccaac caagtttctg ctgtcttcag      300
tagactcacc taagagtaag gactcacaga aacttaagta aaggggtaga aaaagatact      360
ccatgcaaat ggacaccaaa tgtgagcagg gatcactatt tttatatcag acaaaacaga      420
ccttaaagca acagcagtta ggaaaaaaca aagagggac                                459

```

<210> 8782

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(556)

<223> similar to gi3875351 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8782
gcttgaattc gctcgcgggg ccatgccatt cctcgggcag gactggcggt ccccggggca      60
gaactgggtg aagacggtcg acggctggaa gcgcttcctg gatgagaaga gcggcagttt      120
cgtgagcgac ctgagcagtt actgcaacaa ggaggtatac aataaggaga atcttttcaa      180
cagcctgaac tatgatgttg cagccaagaa gagaaagaag gacatgctga atagcaaaac      240
caaaactcag tatttccacc aagaaaaatg gatctatgtt cacaaaggaa gtactaaaga      300
gcgccatgga tattgcaccc tgggggaagc tttcaacaga ctggacttct caactgccat      360
tctggattcc agaagattta actacgtggt ccggctgttg gagctgatag caaagtcaca      420
gctcacatcc ctgagtggca tcgccccaaa gaacttcatt aatatttttg aaaaagtggg      480
actgaaagtc cttgaagacc agcaaaacat tacactaata agggaactac tccagaccct      540
ctacacatcc ttatgtacac tgggtcaaaag agtcggcaag tctgtgctgg tcgggaacat      600
taacatgtgg gtgtatcgga tggagacgat tctccactgg cagcagcagc tgaacaacat      660
tcagatcacc agggtaagcg ggcaggccca gcctcctccc ggcagtgggt ccctccacag      720
ggatactgga cagactcgcc aagactttga attcactcct gtgacggaag agtctgggtct      780
tttctgatct gctgccttgt tctgggt                                           806

```

<210> 8783

<211> 1114

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (398)...(1117)
 <223> similar to gi4689328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8783
 gcggccgctg ctgaggcgga gactccccgc cgccgcttcc tccatcccca gtccgcccgc 60
 ctgcggcggc tgcaggcgga ttgcgcgcag agctcttccc tcctcctttt tcttcctcct 120
 cctcctcctc ctccgggtcc ccgcccagca cccctcgcac caggcgggcg egcgaggaga 180
 ggagagctag acccgccgcc ggggcacaa atggcgagc cctcgcccc ggagagcaag 240
 cacaagtcgt ccctcaactc gtccccgtgg agtggcctca tggccctggg aaacagccgg 300
 cacggccacc acgggcccgg ggcccagtc gcgcacaagg cggcgggcg cgcgcgccg 360
 ccgaagccgg ccccgcgggc gtgctcacgg ggggctgtcg cagccggctg ggtggcagtc 420
 gcttctctcc ttcaccatcc tcttcttggc ctggcttgcc ggcttcagct cgcgcctctt 480
 cgccgtcatc cgcttcgaaa gcatcatcca cgagttcgac ccgtgggtta actatagatc 540
 aacacatcat cttgcacttc atgggttcta tgaattttta aattgggttg atgaaagagc 600
 atggtatcca ctagggaaga tagtaggtgg tactgtttac ccagggttga tgataaccgc 660
 tggccttatt cattggattt taaatacatt gaacataact gttcacataa gagacgtatg 720
 tgtgttctct gcaccaactt ttagcggcct tacatctata tctactttcc tgcttacaag 780
 agaactttgg aaccaaggag caggactttt agctgcttgt tttattgcta ttgtaccagg 840
 ctacatatct cggtcagtag ctggatcctt tgataatgaa ggcattgcta tttttgcaat 900
 tcagttcaca tactatttat gggtaaaatc tgtaaaaact gggtcagttt tttggacaat 960
 gtgctgctgc ttatcttatt tctatatggc ctctgcttgg ggtgggttat tatttatcat 1020
 caatcttatt ccactgcatg catttggtgt ggtactgatg cagatacagc aaaagagtct 1080
 acatatgata tagcactttc tacattgtgg gttt 1114

<210> 8784
 <211> 1758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1575)...(80)
 <223> similar to gi560151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8784
 ggaattcgat tgcaccactg cactccagcc tgggcgacaa agcgagactc cgtctcaaaa 60
 aaagagaaac atcttttagca ttttctaagg atccctgggg gacgggaggc aggtgtgcgg 120
 tgagttgggg gattagaagc tcccagggtc cttccgtcag ctgctggggc cccagatcca 180
 ctgtgacttt cttcccagg gaagaccctt cgcacagtgg agccgctgga cagccgggtg 240
 cccctgactg cgggtggctgt catgcccgcc cccacacca gcatcaccat ggccagctct 300
 gactctaccc tgcgctttgt ggactgcagg aagcctggtc tgcagcacga gttccgactg 360
 ggcgggtggc tgaaccctgg gcttgtccgt gccctggcca tcagccccag tggccgtagt 420
 gtcgtggccg gcttctcctc aggtttcatg gtgctcctgg acaccgcac gggcctggtt 480

ctgcgaggct	ggccagccca	cgagggggac	attctgcaga	tcaaggcggt	ggagggcagc	540
gtcctgggtca	gctcctcctc	tgaccattcc	ttgactgtct	ggaaggagct	ggagcagaag	600
cccacccatc	actacaagtc	agcatccgac	cccattccaca	cctttgacct	gtacggcagc	660
gaggtgggtca	ctggcaccgt	gtccaacaag	attggcgctc	gctccctgct	tgagccaccc	720
tcgcaggcca	ccacgaagct	cagctctgag	aacttcgcg	gcacgctcac	cagcctggcc	780
ttgctgcccc	ctaaacgcca	cctcctgctg	ggctcagaca	acggggttat	ccgcctcctg	840
gcatagactg	aggcaggagc	tggccgggca	aggggtgggaa	gacatctgcg	ggcgcgtgtc	900
cgctcaccct	gttccctgag	cagcagctcc	ctccaggag	gccctgggtc	ccacgccctg	960
ggtgccccaca	tggcctgcca	actagggcct	gcaaattggag	tgggggagtc	ctggccccctg	1020
aatcaccaga	gccaccaagc	ctgccagagg	gggtctcattc	atggcttggg	gacacagggc	1080
tcctagcaag	caggaagtta	agagcaggag	gaagcgttgc	taccttcaact	tctccccagc	1140
tecgcctctc	gggtccacat	gaggacagg	aagctcggga	aggggaagg	agactggccc	1200
tgcccagccg	gtctctagcc	cctcagcccc	cgctgggcac	tctctgtccc	atccctctag	1260
gacaggggaag	ctggcctggt	ccagggcact	gatgggtgctt	ggattccagc	ctaaggaagg	1320
ctggccgtgg	tccaggagtt	aagggcttgg	gtctgggggt	taagtggcca	cccattccagg	1380
ccctggccag	tgtgggaccg	ggacgggaag	gaagaaggag	gctaggagca	gggggaaaag	1440
gtgcacttgg	ccagtggcgc	ctgccaggag	tgagtccatg	cgttgtctgc	ccacccttac	1500
cacagtgttt	gtgccttcag	ctgagggggc	agcctctggg	ccctgaaccc	ctgctggggc	1560
tccacgaccc	tgagagaagg	ggtgagaaga	atcatctctg	cacctcgggt	ctctgccaga	1620
ggaagactta	agcatccctg	cgacctcaca	ttctagacag	agatgaggtc	caggggttgg	1680
cccctgctgc	cttctcacia	tttgcaatag	atgtaaatag	gaccaataaa	tcctttggaa	1740
gagccaaaaa	aaaaaaaa					1758

<210> 8785

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(864)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (65)...(630)

<223> similar to gi4455154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8785

gggcttcac	cccagaccac	aagccgctcg	ctgcggctct	gttttctct	ctgctcctgt	60
ttctctggag	agcagagctc	tctcctccc	agtgtcttcc	tgggccccga	gctgtctcac	120
ctctaaagcc	acttgccaca	gccaccctca	tccaccaaca	antactctgc	ctttcgcggc	180
ccataaagct	ttctcagccc	tgtccactct	gaagtatctc	tctctcccga	ccccctccc	240
acgggtggaca	cattctcctt	cacagaagaa	aggccctggg	accctcagc	taccggctcc	300
gaaactgcaa	acctagaccc	ccctgtgctc	caacctctc	ttggatgagg	ggcctcctcc	360
tcgctctact	gagggagtcc	tccccactg	cttctgcctc	gtgccttctg	actcaaacct	420
cctaggagga	cacctgcac	ctctcagcct	cgtactctgg	ctttgggggg	caccaagctg	480
gggtcaccag	ctccagcaga	tgcttttgc	cccttgccct	agacactgtc	cactccttcc	540
acgaagctct	cctgtggggc	tctgagcac	ctgctccact	gaccgctgg	ctgccggctg	600

ccattcctgc	cccctctcct	tggcctcctt	cttctccttc	acttatggcg	agttttcact	660
gccttccatt	ggaagctatc	ttttccacc	catggcttcc	ctcccatcca	gagctctctt	720
cctggactct	gcagagagct	ccaattcgaa	ctgtccatgc	agggctctgat	catcctcccc	780
tcttgccaag	cttctgacac	cagcaaatgt	cactcctatg	gaggcctgag	gcaggacctg	840
tgccctctcca	atggcagtct	aac				863

<210> 8786
 <211> 2461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (454)...(3)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8786						
ggaggcaaag	cttgagctga	gctgagattg	cgccactgca	ctccagccta	ggtgacagaa	60
cgagactctg	tctcgaaata	aaattaaaaat	aaaatggggg	ccgggcacag	tggctcatgt	120
ctgtaatccc	agccctttga	aaggccgagg	caggcgaatc	acctaaggtc	aggagtttga	180
gaccagcctg	accaacatgg	cgaaaccccc	tttttgctaa	aaatacaaaa	atcagccagg	240
catggtggtg	ggccctata	atgccagcta	ctcaggaggc	tgaggcagga	aaactgcttt	300
aacctgggag	gcagaggtcg	cagtgaagccg	agattgcacc	attgcactcc	agcctgggtg	360
acaaagtttt	tttaaaaaaa	aaaataataa	aatgggacct	ccacgctgtg	gaggcccttg	420
ccagtctaga	gtggtgcttc	tttgagggga	cttggaacaa	accccccaa	cacagcatcc	480
cctcacacct	gccaccact	tccttaccgg	ctgccgtggg	agcctctatc	ctgaactatg	540
gaggggcggg	gtggaaattt	tatataagga	ccttggttaag	gccaagaaag	tcagtttaat	600
cttacaatat	aaatatatca	tttagtcacc	tcagcttacc	cccagagggtg	tttacacaat	660
tcccaatgac	cagtgcagct	tggaaggagc	tgaggctcgc	aagtgggtgg	cacagtcggc	720
tcttcagtgg	ctccaaagtg	aagccctcca	caacaggaga	cacttcaaag	aggtctgtcc	780
ccagccacgc	actcatgatt	gcttttttagc	agaagtcattg	gggccttgag	gccctggggt	840
tgggcaaaaag	cacagctgcc	agcagagcac	agttctggta	ggtggggcca	cggctgacct	900
ggccccagag	ctacaggaac	aggcaggggc	cagcttggtc	tgcaacacca	tgaacaagc	960
ctgtggggcc	cttagtgtct	tctcccgag	agccaccag	aaacacttct	gtgagtaaca	1020
gaacctggaa	ggaaaagggg	caggggtggg	gccttggtgg	caccgcacag	gacgtgcccc	1080
aggcttctct	tccagctgca	ctgccacgtg	cggccaacaa	gagccccgca	gccctgggggt	1140
gctgaggctt	ggctcttccc	agcttctgca	aatgccctgg	cactgccctc	caattcagag	1200
ggtataaaca	tcaatccaag	ccctgttcct	ctttccaaca	tgggggggac	ttggagtgcc	1260
actggaggga	agggggcagt	ctctctggaa	gaaccagagc	tgcacccttc	accactggag	1320
tgatcacagc	ttcaggctct	acctggctgg	cttttctcat	gaaggatccc	gtctcatctc	1380
ccagatcaaa	aagacctct	tctaatgctg	tcccagcatc	taccaacagg	ctgacctgag	1440
ctgcccgtgt	cccccggttc	tgtagcctga	gacctatcag	atgtcatctt	ccacggagcc	1500
actgtgctcg	cctaaggagg	taaccacttc	agcctgtcgg	gcaaaaggca	gggctttgac	1560
cttcacatcc	acaggccacg	gctgaaaggt	aagaagccgg	atggccacac	ggcacagggtg	1620
cttgaggggc	gggggatagc	tctccagctg	cctcaaggag	aagtggagggg	cctggatctt	1680
ttccgccagg	ctgcccacag	gggtggatatc	gaagttttcg	ggcagctgga	gtttctgaga	1740
gttggtcacc	atgagatcca	ggacagtctc	agctttgcgc	aggaggtccg	catggctctc	1800
gtcttccgtg	cagcctgggt	gggaacagag	cctctcaaag	atgatgtgaa	agccagacca	1860
gcaggacgca	ccgtgcaggg	agcagttgta	ggcggctccg	gactccagga	ggaagcgag	1920

gagaggggaag	tgcagtttaa	agctcttcag	gcagatgtgg	gtgagggact	cgtgggctgg	1980
gcactcgctg	gggtcggccc	cgtgtgccag	cagcagccgt	gtgacttgga	agcagaagcg	2040
gttgatcacc	tgggcctcct	ctttgtcccc	tcccacggtc	tcaccaagca	ggaagatgat	2100
gcaggtgaac	actgtgtccc	catcttttgg	ggtggccttg	acgtctgccc	ctccttccag	2160
taagagacga	atgtttctcag	tattgtggat	ctgcaccccg	tcgctgctgg	ccagagcatg	2220
gagcagagca	gttttttcta	gggagggagg	gagagcaagg	aggagcagga	ggccaggaag	2280
cccaggtcag	ggcaaccacg	aggaggtggc	agaaatccag	acactcagag	gatcagaaga	2340
tgaactttca	gagacaactc	tcagctcagg	tgagggctga	gggtgacggg	cttctggcca	2400
ttccctttcc	acccagagaa	gtgggagcgg	aaaggccagg	aaaggtagga	tttttctgga	2460
c						2461

<210> 8787

<211> 1616

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (199)...(1431)

<223> similar to gi2393734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8787						
ggaattcgcg	gcaagatggc	ggaccgtggc	ggcgtgggtg	aagccgcagc	tgttgagcgc	60
tctcctgcat	ctgtccctgg	cctaaacccg	acgctaggct	ggagggagcg	actgcggggc	120
gggctggcgg	ggactggggc	ctcgttgttg	ttcgtggcgg	ggctggggct	gctttacgcc	180
ctgaggatcc	ctttgaggct	gtgtgagaat	ttggcagcgg	tgactgtatt	tttaaattca	240
ttgacaccca	aatttctatg	ggcacttaca	gggacctctt	cattgatatc	aggactaata	300
tttatatttg	aatgggtgta	cttcataag	catggcacat	cttttattga	gcaagtatct	360
gtaagccatt	tgcaaccact	gatgggagga	acagagagca	gcatttcaga	accaggttct	420
ccttcgagga	acagagaaaa	tgaaaccagc	agacagaatt	tgtcagaatg	taaggatatg	480
agaaaccctc	taaatctttt	cagaggagca	gaatatagga	gatacacttg	ggtgactggg	540
aaagagccac	ttacatacta	tgacatgaac	ctgtcagctc	aggaccatca	gaccttttcc	600
acctgtgaca	cagatttttt	acgtcccttc	gacacagtta	tgcaagaagg	ttggagggaa	660
agaaatcctc	cagctcgaat	caaagcagcc	tatcaagctt	tagaattaaa	caatgactgt	720
gccactgcat	atgttctact	ggctgaggaa	gaagcaacaa	ctattgtaga	tgctgaaagg	780
ttatttaaac	aggcactcaa	ggcaggagaa	acaatttata	ggcagtcaca	gcagtgccag	840
caccaaagtc	ctcagcatga	agctcaactg	aggagagata	ccaatgtact	ggtatatatt	900
aattgaagat	tggaatgtg	tgcaagaaaa	ttaggaagaa	taagagaagc	agtaaaaata	960
atgagagatt	tgatgaatga	atttctctct	cttaccatgt	tgaacatcca	tgaaaatctc	1020
ttagaatcac	ttttagaatt	acaggcctat	ccagatgttc	aggcagtcct	accaaaatat	1080
gatgatataa	gccttccaaa	gtcagcagca	atctgttaca	cagcagcact	gttgaagaca	1140
aggactgttt	cagaaaaatt	ctctccagaa	acagcctcca	caagaggatt	aagcgcagca	1200
gaaattaatg	ccgtggatgc	aattcataga	gctgtggaat	ttaatcctca	tgttccaaaa	1260
tattttattag	agatgaaaag	tttaatttta	cctccagaac	acattctgaa	acgggggtgat	1320
agtgaagcaa	ttgcctatgc	tttctttcat	cttcagcact	ggaaacgaat	agaagggtgt	1380
cttaatctgt	tacagtgtac	atgggaaggc	agtaagtatt	cttttccaaa	agtaacacta	1440
atctctctaa	ctattcattg	aattcacagg	cagtcctttt	aaatgagatt	gtctgggttt	1500
ccataaggat	ttgtcgttca	gattggtttc	aaatggaaat	tagtgatgag	atatttggtt	1560
tattggtaga	aatgcataat	gttatattga	tcccacaaaa	gcagaatgag	aaattg	1616

<210> 8788
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (330)...(973)
 <223> similar to gi206712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8788

tttgtaa	aaa	ggagtctcgc	tttgtcccc	aggggtggggg	ccactggggc	gtttttttgt	60
ccctgcaagg	cccgggccct	gggggtttta	acaatttttt	tggggtagcc	ccccaactaa		120
gtggggctac	agggggcccc	cccccccc	gggttttttt	tttttttctt	tctttctaag		180
tagagacagg	gtttcatcat	gttggccagg	atgatcccga	actcctgact	tcagatgac		240
cacctgcctc	agactcccaa	agtgctggga	ttacaggcgt	gagccactgt	gcccagcctc		300
ttggaaagat	ttggattcgc	ttcatggagc	cagggagcag	gacataggtg	aagaacccag		360
cttgtggctc	aagttggcct	gaatagggtt	cgaggccctg	ctccccggg	cctctttgtc		420
catgtgttca	aggaaaaaat	gggagagtcc	aataccaaaa	aggtggtcag	agatccggag		480
ttgggcctga	ttccaaagaa	gggtcaaggc	caaggcctcg	agcttacgtg	tggccaccag		540
ggggcagcag	ggatcggggt	gtgcaggtgg	cctttctctc	ccgcctccac	tggcccatgg		600
gtcagaagtc	cagctcgggc	atcaggggtg	gcttgaccgg	gcagctgggg	gtctcgggtt		660
cctgtctgca	gatgtccccg	gcaacaccca	tcctgtcccc	atccccattc	ccactcccgt		720
ccctgtgtctc	tgcctcccag	gctctctgct	gggccggcca	gtccaggtgc	gcccagcggg		780
ggtcagggcc	cccgatgacc	tcgtccacca	ggtccgccag	gtcgggcagg	ggctcgggtc		840
gctccacaag	gatgggcgcg	aagggtccca	ccagccaggg	cagcggcacg	gcctgcacca		900
ccagctccag	cagctcgtcc	acgcaggcgt	gcgcgtgggc	cacgcgaccc	cggccctcgg		960
ccagcgcggc	cg						972

<210> 8789
 <211> 681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (225)...(681)
 <223> similar to gi451544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8789

caacttgaag	ggaaaaagtc	acttacaaat	acctacatgc	tggttttttaa	gcaactctca	60
gtgtgggttt	ccgagggggc	tgcaaagagg	gaagtagtgg	aagaaccaga	gttctaaaat	120
gagggcgctct	agtaggaggg	aacaagtaag	ctctgcccc	aagctccttt	taaaaccaac	180
ataaatgagt	aacagaagaa	aaggattttg	ggtccaggaa	gtaggctcat	tctccataac	240
catcggaag	gaagaggccc	aggcagcgct	ccacatcctg	accctagctt	ttaacaccat	300
cgttttgggg	agaggagagg	aggaacgcac	ccacagttag	gtctccaccc	aacacttctc	360
cgaccccgag	ttcagcctgg	cgcaccttcc	ttcccaaacc	cgcctctccc	gcctcggaga	420
ccccctctc	ctccctgcca	ccaaaggcca	cgcagcccc	atctagccag	tcctcacgga	480
ccctggacca	agacgcgcct	cctggaggcc	gagactgccc	gaaaccggc	ccctgcgtcc	540
accgggagcg	ccacactctg	gcagctgacc	ggcggctgtc	gccgggggta	aggttaccgc	600
tccgcttccg	cggttgccct	gcgacccggc	cacctgcagg	gcctggcagg	cgcccgaact	660
catccccctc	ccgcggcccc	c				681

<210> 8790

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(990)

<223> similar to gi2760483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8790						
aatcgaagat	cattagtcag	tgcggtggaa	ttcccagaat	gaagtgtgga	tgccacctcc	60
agcctgcagg	acggagcccc	ctcccatcat	cacacagtgc	acctgggctc	tgagccccct	120
tgccctccatt	gcagccgcag	caagaggcct	ccacttgtcc	gtcagggacg	ctccaaggaa	180
ggaaaaagcc	gcccccgga	aggggagacc	actgtgttct	ctgtgggcag	gttccgggtg	240
acacacattg	agaagcgcta	tggactgcac	gaacaccgtg	atggctcccc	cacagacagg	300
agctggggct	ctggtggggg	acaggaccca	gggggtggtc	aggggtctgg	gggagggcag	360
cccaaggcag	ggatgcctgc	catggagagg	ctgccccctg	agaggccaca	gccccaggtc	420
ctagccagcc	ccccagtaca	gaatggagga	ctcagggaca	gcagcctaac	ccctcgtgca	480
cttgaaggga	accccagagc	ttctgcagag	ccaacactga	gggccggagg	gagggggcca	540
agcccagggc	tgcccactca	agaggcaa	gggcagccaa	gcaaaccaga	cacttctgat	600
caccaggtgt	ctctaccaca	gggagcagg	agtatgtgag	tctccttcat	tgtgctgatg	660
gactaccagc	tggcagggcc	aggggtggg	tgggcgtgaa	agccctcccc	tccactggac	720
agcactgccc	cccagctgag	ggaccagctc	tacttccacc	tggagttgca	cagtctcagg	780
ctgggggcct	caggagaggt	cacagcccct	cagtctcttc	tccttcccct	gcctgcaaca	840
ggctgcctgc	cccgccttcc	ccaacacctc	gtcccatatg	atagagcgtg	gcagctggga	900
gcaggcccct	gcccgtgggtg	ggcccctaaa	gcaatagcac	cgtaggcccc	ctgccctctt	960
agcacaagag	gcccaggccc	tggcctg				987

<210> 8791

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (270)...(727)

<223> similar to gil9923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8791
gtcgggggaat tccacggaca gacgcagacg gacacagcga catgccccag acacgttaag      60
ggactgggttg gccaaactca gacacgtgga cagggataga cagaaagaga cagaagctgg      120
ggctacgtcc atgtggacac agaccacaga tgtgggcaca cgaatccatc cacctgtcca      180
cgtgcacacg tgaatgtagc gatagatatt tggacatcaa atttggacac caggtcacgg      240
agaaacacaa acaccacca ggaacacgca gacatatgcc catagcatcc cacaggccca      300
ggcaggaggt cccaccccag accctgcccc agacgctccc tcaccctctc ggccccctcg      360
ccctggcccc caggttctct gcagagatct ctctggacc cccagcggtc tccttggcgc      420
ccacgaacac aggcgtgcac acgcagcgca catgcattga gacacacgat acctcgttcc      480
accttggcgt caggttgggc tggaggcagc ccccccccc acaacacttg aggccaaagg      540
acacccctgt ccccggggct cagcctcccc ctgggcccag gccttggccc acacagctga      600
gggagaggcc cagccctgag cctccccac caggactggg cctccccggc agcaagacc      660
cggcactccc cgccaggccc aggttggggg agatgggccc aaaggcccag cccacactc      720
ctttccc
```

<210> 8792

<211> 1862

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (831)...(255)

<223> similar to gil336628 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8792
cgtattttgt gggagaggat atgggggtat tttttcccg gataaaaaag gtttttttta      60
aaaagggaga aatgaagaat ttttgataga taggtgtttt taaaaatgcg ggagttagtt      120
attttttata tacttctttt ttgaaggaaa atattagttt tgtgattagg gtaaattgggg      180
gggcccata gaggtttttt aaaaaggggg cctttttttt tttttttttt tttttttttt      240
tttttttttt tttttttttt tttttttttt ttgccacttt tgtattttat tgtggaactg      300
agtttttttt tttcctttac atcaaatact ctcaatggaa gaggggatat tgcacacaaa      360
tatcataaaa gcactacata ttactttcac tggaaactaa ttttctacat tagatatgac      420
tggataggat agaagtgatg caggattata agacataata ccatacacag ctgcagactg      480
acacaaacac cattcagaac aagagagagg agtgtgaagt gcttctcagc tgggctcaag      540
accacttctt tccagtgtct gaaagagggg ctgcatgcag ttagggaaaa gcgtgtctct      600
gaactgccac aggtgtttct cgaaagggca gcccggtctt gatgccactt ctccatggct      660
cctgttttgg ggagctccaa acaagtgcag agaagctgcc tattttttcc ctctcttttc      720
```

agtttttgat	getgccttta	aaaatcaact	tcatgaagtc	acagattttt	taacagtaaa	780
tagttttaat	accaggtgaa	taacctaatt	gctttcaaag	aaatgctcat	ccctaggctg	840
cttttggtgt	attgttcagt	tgggtaaaag	ataaaagctt	acagttcctt	tcaaattggaa	900
acaggatctt	tttttttaaa	tctgaagcac	aaaaaaaaaa	agttattatc	ctaactcaca	960
atatcattac	tgagcaggaa	cctcctgtga	caggtgacta	aagagaggca	agaaaagcaa	1020
attcagaatt	gtagagcagc	tcctaagagc	tgaaatttgg	taacagaggg	aaaatgaaaag	1080
gtggtaagat	ttccattagc	aaatgattaa	atcttaatta	aatgagtatt	ggaaaagctcc	1140
tagactgcat	aagctattgg	agacacttaa	aacattcata	tacactgggg	aaaccattca	1200
ctatgatatg	taacgttaag	aaaaaaaaatt	tttttgaact	ccatggaaaa	tggtgtttta	1260
agaggggagg	aggggaagtt	agtcattgta	tccagtccca	ccacaagact	gagaaagcat	1320
gcacagggct	caggggtttg	agaaagggga	cagaattggg	taaaattgaa	aatggaggat	1380
catcgctaac	atttagtctc	tgtagaattt	tgtttaagaa	tactaccaa	aaggtcatga	1440
tcatgagtgc	tatctcgata	gaatcccatc	atttaaacag	agtgtaaatt	ccttccactc	1500
aaatattcaa	tctatacaat	tggattaagt	aatcagtatg	aacaaagctc	ctagaagtct	1560
gtgtcgatct	ttagctctcc	ccatgaatgt	acatgggtaca	ttgtgatggc	tgttactaaa	1620
ctaactgtgt	atttatggaa	ctagcaaaat	taggttagtc	acacaggcag	gaaagggtgc	1680
tggaaggaca	ggagcaacct	gtaatgcgaa	tattgggttt	cttgggtatac	tcaggctctg	1740
tggtcattat	tgagaacaac	ggatggagaa	agggtactgat	agatttcata	ggaaaaagag	1800
ccaggctgac	tagtgacagt	ttttacatat	ttttccatt	aaatcccata	gcaaaaaaaaa	1860
aa						1862

<210> 8793

<211> 2297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1727)...(2297)

<223> similar to gi200545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8793						
ttttttgaag	ggcatcactt	tattocaaag	ttgatcatta	gtgaggggga	tttttacagt	60
cttctttccc	tcctccctca	gctgcctcct	ggttagagat	gctaacaaga	attacgatgg	120
tcctaagata	ctggaggaag	taaaaaagtt	gaaggcccta	catatttttag	ttcacgtttg	180
gcattttcttg	gtcttttacc	tatgtaaggc	aaggagaaaa	agacatgaaa	tttaaattac	240
agataaacac	aagtgtatta	gtccattttc	acactgctat	caagaattgc	ccaagactgg	300
ataatttata	aaggaaagag	gtttaattga	ctcactgttc	cacatggctg	gggaggcctc	360
aggaaactta	caatcatggc	agacagtga	gaggaacca	ggcatcttca	caagggtggca	420
ggaaggagaa	tgaacacagg	aggaactatc	aaacttataa	aatcatcaga	tctcgtgaga	480
actatcacaa	gaacagcatg	ggggaaccgc	ccccaaagatc	caattacctc	cacctgatct	540
ctcccttgat	gtggggatta	tagggattac	aattcaagat	gatatttttag	gtggggggcac	600
agctaaacca	tatcctacaa	ggaatgactg	aaactaaaga	tactaatttc	ctttcccttg	660
gttggccagg	ctgtcgtctt	cattactgac	taatagagac	caagcagggt	ggtttaatcc	720
cattgccttc	tagtgctttc	caatgttggc	caaaatgttg	cctccatttt	aaacattcct	780
cctggggaag	aatgtctttc	tatcatacga	taaggagaga	gagaagagga	agcaagagaa	840
aagtttaaaag	tggtgtacag	aagtttccaa	ccacaggagg	agcaaaacac	caaagaagtt	900
gtagaataca	gggtgtggtg	aagagtggga	gccccaggcc	gtgctgtctg	agaaggcatg	960
cgaagccaag	gttcaggctt	cctaggacca	tgtcctgccc	ggagaagcat	tccagtcctt	1020

ctcatcatgg	agaaatggcc	aagcccatg	tggttacagg	gaagccacgt	acccacacc	1080
atctttgcag	aaggtttcca	gggaagagac	aggccaactg	aatgacctcc	agccatcct	1140
tgccagagc	cccaggccga	ggagagctgg	gagagtccat	gatgtctgat	cagattgggg	1200
ctggggttca	ggtcttaaac	atcaggaagc	ccccaaatgc	agtgcccgac	aggettctct	1260
ttgttattga	tccctgggtt	aactcaaacc	atactcgctc	acccttctgc	agctcagcca	1320
tggtcaaagac	cggtgctgtg	cttccactcc	cctgcccagt	ggtacagact	ggagtccgat	1380
ggtgacctcc	aaacaccagc	tgcccgggtc	ctggccctgg	gccaaattca	acgtcactg	1440
caaacaggta	gacaccacgc	tcaggggctc	ggaagtagcc	atgttcaggg	aagtagctgc	1500
tgccaatgtt	gatgtatgtg	gtgttgaact	tactgtctg	cagggcagcc	gtcccttctg	1560
aaaagctggc	atagaaggcc	acaggggatc	ctgcctccca	gagcgccg	cccaaggcac	1620
ctggcacagg	ccctgtgacc	cgtatgtcca	ccaaaggctc	cgcttccttc	ttgtccctct	1680
tccggggagc	ttccaggctc	ttctgctgct	tcttcccttt	cctgctcagc	atggtctgca	1740
gcttccccag	gtccaggctg	acgttggctt	ccatgagccc	ttggaagtgc	ccaaagaggc	1800
tgtggaagag	ccgctggtgc	tgctccaagc	tgcgctgagt	ggcgaagagt	gctgtgtgga	1860
aggccgtgaa	gggaggcggt	gagggaggcg	gccccggccc	cggcctcagc	ctcgcagcac	1920
cgccccccaca	ttcttgacgt	cggtgctcag	gctctggagc	tcccgcgcca	gccccggccag	1980
ggcggtggtg	gcggcctcct	cgcgccccgc	gtcgtggctg	ggctccaggt	gctctgccgg	2040
ccgcggggggc	tccgaggcct	gctccagggc	cgctactcgg	gcggccagct	cgtcccagcc	2100
gagcgcttgc	tcttcagacc	cgctagcggc	gtcctgcagg	gccacgcgga	tctgctcgta	2160
gctcaggggc	agcgggtccc	gcgtctgctc	agacatctcc	tccagcacct	cctccccgaa	2220
gagcgcgggc	agcaccgcct	cggtgccgca	gcgcgtcctc	cagcaggggc	gcgaaggcgc	2280
tgagcagctg	gcgcacc					2297

<210> 8794

<211> 2046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1751)...(2046)

<223> similar to gi5802174 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8794						
tttttttttt	ttggttaaag	tgctgatgcc	atttaattag	attgtttaca	aatttaacag	60
gatggctaca	aagagatctt	atcttaaaaag	cagctgatgg	tttggaatg	agagaactac	120
agtgggtgaag	agaccaggag	gcagctctca	gtgaaaccaa	cattgcggat	gcccttcgtg	180
agccttctca	gtcccagcag	gaagcccaca	acactggcct	ccccagcctg	cctgctgaca	240
acacctaggc	ttactttatc	taaaatcaga	gtgtaccagg	tctgtagcag	aaaataatca	300
actaaatgtc	agggacctat	gagtcattta	aaacaaaaga	gaaagtgaag	gccattaggc	360
aagctatgtg	ctgggctgct	aacgtagccc	ctgcaggag	gggtcaggag	cgcgctgcag	420
tgagccttgg	gtctcgcagg	cccagccctg	ctgcaaggag	ccagggcacc	caggaaacat	480
cagcacacac	acacacagg	accctccctt	catgtcactt	gttttgctgc	cctaaatggc	540
ttcttgccac	ctaaccctg	atcctggaag	aaggcagaga	aactggcccc	tacagagacc	600
tgcaattcta	cgcaagctta	acacaactat	gagacagaag	aggggcacgc	agaagaggtg	660
ggcaaaagt	gtcacaacgg	cgggggatgc	tttgaatact	ggatgggtgc	cagagccgct	720
tcgatgtcat	aattctttgt	ctgcaggagc	ctggtgagcc	agccgccttc	atcagagaag	780
cccatggaca	gcactctggg	gagggactca	atcagccg	ggtcagcctc	tggcgggaga	840
tgtgggtaca	aggcagcttc	cttcagccct	gtgggtccct	cctgggagg	gtccagagag	900

cttgccctt	cggattctg	catctgtagg	gactggagtt	cacctgtaga	eggggtccact	960
tcttttgaag	acagatgggt	ccagtcacat	tctcctctg	aacagttatc	cgactccatc	1020
tgttcctcag	ggcgccctc	ggactccaag	gcatcttcc	tcatctgctc	cgccagagac	1080
tgcgtggcgc	cctcaacatt	cccacccggc	ttgctgggg	cagagcagca	gctgcttggc	1140
tgtgagctgc	tcttctctc	tgtgctggaa	ctctctggag	agacgggggt	caggcggtt	1200
cttttccctc	cgtgctccac	atcgatatca	acttcaatgc	ccagaggggt	aagggcagct	1260
gccacactct	ccccaacgtt	cttcaggaaa	ttcacactcg	gacccctccga	tggaccagaa	1320
gctgattctg	ccgtggggcc	agggcgggcc	tcccctgcac	gaggaggacg	tgggctccag	1380
tttcctggtg	gacccatttc	ccatcctggc	caccgaagt	gtccgtgttt	caccttccgg	1440
agccagcggc	tgtgcgagaa	gccctcagac	aggtgcccga	aggggctggg	gaatgcgagc	1500
ttgggtgtgc	cccggtgcaa	gccctttccc	tcgcagacgc	tacacaagtc	gtagtctggg	1560
cagacgctgc	acttgtagcg	ggttcctacc	acaggcccat	tgacagccatc	gcagatcaca	1620
ttgggggtgca	ccatgttgcg	gggcgcctcc	tgagcacacg	gtgggcgggtg	gtcccgccgg	1680
cactcttttt	tctctttaat	gtagattcgg	aagatgtcat	ccttcacgta	ggacatggcc	1740
attgtcaatt	cctcgtcact	ggaaaaggca	accaagtccc	cgtcctcatc	gcggtagtgc	1800
gcctggaagc	cgccaggccg	cagcgcgggg	aacagggcgg	ccaccggct	cagcagccgc	1860
tcgcaggggc	ccggaccgcg	cgcagcctcg	gcttcgcct	caggctcggg	gctgcagcag	1920
aagctgaagc	ggcgaatctc	gcgcgcgcg	tctccttgc	ccagaaggta	ggccttcacg	1980
gtgagcgacg	ccatagcgag	cggcgagctg	gcggaaaatg	ggccgtcccg	gtcgcagccg	2040
ccgcgc						

<210> 8795

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (327)...(629)

<223> similar to gi5726236 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8795						
agattttctg	gcacctcagt	ctggacaacg	ctgttcatgc	tttcccttcc	tcccttccat	60
gatcaccttg	tttcttttaa	cccctctttg	cccaaactaa	aatgctttct	tactctgtg	120
gaattcagac	ccatcatttt	acttcgcatt	catatttcat	aatctacttt	cataacactt	180
tgctaactgt	acttacatct	tctctgcagg	aggtgggaat	ttgaaaggga	aagtaactga	240
gcttttgcta	gacttagaaa	aacttctggg	tgtagtagag	atccttggtta	gacatgggga	300
caaaggcgag	catcccaaag	gactccccac	taggggtgtct	ttaaggcaat	tggagcaaat	360
tcaaagtgaga	tggtcaaag	aaaaagaaac	aattttcttg	agagaacaag	aaatttggcc	420
tgaaacttgt	tctttacatt	atcatactat	tttacaattg	gacttattca	gtaaaaagga	480
aggaaaatga	ggagaagtgc	cttacgtaca	ggcttctatg	gccccctacc	aggattctga	540
cttaagagtc	aactgcagga	tgtgtgtggc	tcatgttact	tacaggcacc	aagaaaccgc	600
gtgggatatc	ctcgatgctc	ccttctctg				628

<210> 8796

<211> 2949
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1531)...(2949)
 <223> similar to gi930045 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8796

ctgggaagcc	aaggaagcca	aaccacagcc	tcagcagcaa	tcggacccag	aacagtctga	60
acttagtggc	tgccagcttc	ttcccaatcc	ccagccacca	caccccctct	tccaactcca	120
gaccaaccag	agaaagccaa	atatacccc	ccaaccaacc	aaagatgccc	ctccagttag	180
tccgctctgt	ccccatgcca	acaatctcca	atcacagcac	accagagacc	ttcccttttt	240
ttccactata	acatttcaca	gtccctgcct	gcctttgacc	cctgccaaat	acaagcaatc	300
atggctgact	cctttgcaaa	ctttgaccaa	atggcctctc	tgctcttggt	taggtgggtt	360
ttattttccac	atctccaaca	gggagtctgg	aaacaaactg	acaatactcg	tgaaatcaac	420
accagatga	ggtagaccag	cactccagga	tgcccctccc	cagtatccct	cccctgtaa	480
ctgttcccct	ggcttctaac	accatggatc	agttttgctt	atctctgtac	ttttgtagg	540
aagagaatca	tacaatgaat	tctctcttga	tgatgaggac	tctgacctct	tttgcttgac	600
ctcatgtctg	tgaaatttat	ccatgttgct	gtgcatagcg	atattttcat	tcatattcgt	660
tgctgtgcag	tagtattcga	ccctgtgact	tcactgtagc	ttcaactgtg	gatggacatt	720
tggtgtggtg	gatggacatt	tggtgtgttt	caggtttggg	gctacagtca	gcgtgtggtt	780
agaaacattc	ttgccaatgt	ctcgggtggac	atagctttct	gtggtgtaca	taccaggag	840
tggaactgct	ggatcagttt	atacgtatgt	tccgtttttg	gtagatactg	ccagttttcc	900
aacaggggtca	caccagcttg	gtccattcag	gttacaatga	aacaccttag	cctgggtaat	960
ttgtaaacaa	caaaaaatta	tttctcacag	ttctagaggc	tggaagtcc	aagatcaagg	1020
tgccagcaga	tccagtgtcc	agggcgggct	ctctgcttca	gagatacggg	gccttctcac	1080
tgcatccaca	catggtagaa	gggacagaag	ggctccctca	agcctgtttt	ataaggtgct	1140
aaccccatte	atgatctcca	ccctcatgac	ctaaccacct	cccacaggcc	ccacatcttt	1200
attatttttt	tgagatggag	tccctgttgc	ccagcatgcc	tggaacctca	acacttaata	1260
gtgataataa	catatatcca	acccttggtg	aatgccagga	ctcatcctaa	gacctacatc	1320
gataaactcc	tttaattctt	acaacactgg	gaaatatata	tataacttta	tcctcctttt	1380
acaggtgaga	aaactaagg	acagacagat	aaatcccttg	cccaagggtca	cagagctggt	1440
gagaggcagg	ttgggacgca	ggcctaggct	gcctgtgctg	cagagctgca	cccttgacca	1500
ctgtgcactc	tgccctctcat	gccctcagct	ctaccagggt	gggcaggaga	gagatgggag	1560
aagcagtggc	cacttgctct	gggccaggca	cttggcaaac	acctgtaggt	tcaatctcag	1620
aagaacccag	tgaagaatga	gccagatact	cactgtccac	gtggagaagc	aagaccagaa	1680
gtctgacatc	tgccaaagcc	acacagcccc	ggaagtggag	gagctgaaat	ccaaacctct	1740
gcctgagctc	tgcccaccag	gtgtctcctc	cccagcccat	gtagggagct	gaagagaatg	1800
gagaccagag	gggagggaaa	gaggaggctg	gagaggagct	ccacagggtc	tcctcaggcc	1860
tgacagctgc	ccctggcttc	cctgagggtc	acaggaacct	ccagaccttc	ccaggattgc	1920
ccagcagggg	agggggccca	gtggggcagg	aactcaaggc	agttgggctc	ctggagagca	1980
gccaccctgc	cgctcctgcc	tgcttcaatg	caacgggtctc	aggctgggct	gccaggatgg	2040
gaggcaggtc	ttgtggagtc	gcccacacac	cacatacctg	ccctgaggcc	ttcagggacc	2100
aatgaacacg	gagaggcatt	cccaagcacc	acatgttcca	gtgggtccctc	ctgctccacc	2160
tgggccaaca	gggctgaggc	ctggaggagg	aagctcctct	ggaggacatg	gatgataacc	2220
tggaattgcca	gtggggaagg	tctggagcac	tgggggcagc	ccaggaccca	caaagccaag	2280
gacggggacc	cacacaaggc	accgtgggga	cagagatgct	gctctcagga	cttggttcag	2340
ccaaggcatg	tcctgctgcc	aggcctgcag	tcccttaact	cccctctgac	ccagcctcca	2400
caatccccaa	gaaagggaca	aggggcttcg	gagaggggccc	aggtgtactg	caggaacgga	2460
acagatgggt	ggtgggaaga	gcccagggtc	tcactagtgc	agacgccgcc	ggtacagcac	2520
caccaggagt	gtgactacca	gcaccctctg	cacagccacc	tgagagccaca	gagccccagg	2580

tgagggcctg	tggcatggca	cctccctctc	ctggaacttc	cggtcggctt	gtggcctggg	2640
gccgccatcc	gggtccgcag	gtggcccagg	gttgccctcc	aggagctgga	tgctgggggtt	2700
ctcagccacg	tggatcccaa	aggtgccctc	ggacttatac	tcattctcct	ctgggcccatg	2760
gcagggcccc	atgcccaagg	aggtgctggc	actgatggca	agatcctccc	agcagcccga	2820
gaacgggctg	tctacctggg	ataccagcac	gccaggctta	ctcagctccg	cggacgcgta	2880
gtcgaccggg	aattcggacc	ggtcgtgcgg	cgtacggctt	cataaggttt	caaggggggg	2940
gggggggggg						2949

<210> 8797
 <211> 1318
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (818)...(154)
 <223> similar to gi4580999 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8797						60
tttttttttt	ttggctctta	aggggtcttta	atggtttcat	tttgtggccc	ttccccccaa	120
ccctggtgac	tgtcccagca	agcagtcagt	agagggtcccc	ggagttcagt	gggggcctgg	180
agatgtcgga	cttgtgaggg	aagggccact	ctccccctgt	aacctctggt	ggctgctagg	240
tggaagctgc	agcaaggggg	tcccaagtgc	agggcctctg	ggtgctacac	atctcacagc	300
cagggcggtc	tggggcattg	atgaaggtgc	aggaaggaca	ggaccagctg	ggctggagtg	360
gactgggcag	gctggaggca	gctggctggg	ggcctggggg	tagccccaat	gatgggggaa	420
acaagcgtec	aagttccccg	tccatcttct	gggggtgctg	agggctaggt	cctgtggctg	480
gggcttctcg	aggagctgac	agcaagtaga	ggaaagcagg	gtccccatcc	tgccgaaccc	540
cgtaagaggg	aaggctgcgc	tcaggcacac	acaggcaccg	tccgatgacc	cagcgttgca	600
cggctggcgg	gaaaccgagc	tctgagaaca	cctgctcctg	gagagctgca	acagtgcagt	660
gggggtggac	ctgcagggca	acgtgtgcag	aggacgcggc	ggatgcgcca	gaggcagcgt	720
cttcaagtgt	gacctgcagc	ctgatggggc	caggtgggaa	gcaggcctcc	tgaagctgaa	780
cactcagggc	cacacgatgc	tgggccagga	cggctgccac	ttgggctgcc	cccttctcgt	840
ctccacctgc	aatagcccgg	gccaggctcc	ctgccagctc	ttctctctcc	gtcaagtttc	900
cagggctcct	aggaagatct	gcctcaggtg	gagggccctt	gagtgtggag	gcttccgggg	960
gactgggcag	ggagacaggg	catgcttctg	ggcccaaggc	tggtggtgag	ttgctcttgc	1020
tgccattctg	tccttccacg	gtggcacctc	ggactaggac	tgccaccgcg	tgagcttctc	1080
gagggttgag	gaagtgcagg	ctgaggggtc	cagggccctc	tggtggaggc	tgtagctcgt	1140
gctgggtggg	gcctcggatg	gtgtaggaaa	ctgactcctg	cggccactcc	aaattaacgt	1200
tagagctggt	ctttgggggc	gaagggtcag	ggggcggaagc	accggccaca	actgaaggcg	1260
gacgcggcct	tttcgccccca	ggggctcggc	ggacgtagat	gcattccagcg	tgcgactatc	1318
ccagcgcccta	acggcagctg	gacttcgctc	ccggggacctc	caatgggcta	ccacctcc	

<210> 8798
 <211> 1598
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1128)...(1600)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8798
tatattaatg ccagatatag tatatttcag aacaaataaa ctaatcagag acagagaggg 60
agactatata atgtgcaaag gaccaatcca ccaactcctc gcctgacaaa ttcataaatg 120
tctacgcaag aacaactgaa agtacttaac agagaactag acaaatccac aaatacagct 180
gtatgcttca atgtccccct ttctcaacaa tttatacaac aaccagatag aaaatcagca 240
agaatacaga agaaccacaac aacacgatca accagcggga cttaaattgg caattttaga 300
acacccaacc acaccagaat acacattggt atgggatgca ttgtgccag ccccccaaa 360
ttcatatggt gaaatcagaa cattattagc cactagtgat ttactaatta aaacaatgag 420
aaattgctac gtacctatca gaatggccaa cataaaagtg tgaccacatc aagtgtgtc 480
aaggattcag agaaagtctg atcactcata cattgctggt ggggatgtaa aagattacag 540
cccactctgg agaatatctg tataattttt acttttaaaa ctctatgtgc aactaccata 600
ccacctcgga attacattcc ctgcatttat cacagagaaa tagaatctta tgttcacaca 660
aaacccatgt acttcaagtt tatagcagcc ttgtttttta tagccaaaac tggggaaaca 720
atgtatacac gacttttgtg agatgaatgg ttaaactgtg gtatatatcc acagcatcaa 780
atagtccctc gtaatttttt ttaaaaaaac aacaaatgat tgataccac aataacctgg 840
acgaatctcc acagaattat ggtgagtggg cgaagggtaa tcccaaagggt tacatgtaga 900
attccattta agtaacattc ttgaaatgaa taaattataa gagtggggaa tagattagta 960
gttgccaggg gttaaggagg gaaggaggag cagcactgaa tagaaggggt cataactata 1020
aaaaggcaac atgatgaatc ccggtgttga cggaaatggt ctgtacctg cttgtataaa 1080
tgtcaatctc ctggtactgt ggcatttgca atatttgcaa attttattta tttattcatt 1140
cattcatttt tctgagacgg agtcttctc tgtcgccag gctggagtgc agtggcgca 1200
tcttggetca ctgcaacctc cgtctcctgg gtacacacca ttctcctgcc tcagcctcct 1260
gagtagctgg gactacagcg tgcgctccac caccacgccc ggctaatttt ttttgatatt 1320
ttagtaaaga cggggtttca ccgtgttagc caggctggtc tcgatctcct gacctcaggt 1380
ggtctgcctg cctcgggtctc ccaaagtgtc gggaatacag ggcagtagct accacacctg 1440
gcctggcctt ttttttttct ttttaagac aggggttggtc tctgtcacc aggcagtga 1500
gtggcatgat catagctcac tgcagcccaa aactcctagg ctcaattgat cctcttgct 1560
cagtcccta agtagctaga actgcaggta cagccac
```

<210> 8799

<211> 2715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (699)...(2564)

<223> similar to gi2317964 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8799

agctgcaggt	cagcccagca	gaagtggcac	tgctccgcc	agagtctggc	tcctggcagg	60
cgctgaggat	cagcagatct	gcactgccag	agcctgtctg	tttaccgccc	accccacctc	120
cctgctgcag	cgctagaaaa	agaatttgtc	ttccttgggg	aggaagatgg	gcccgaatta	180
gcagtggagt	cctgggcaga	aggtggggaa	acttggccaa	gaacagagcc	acggtgtcca	240
cgcaatcaca	ccattttattg	ctgtgctgtc	cgggggaagac	accgtgcaaa	tgccaaagtg	300
caactgaggag	aggggagggt	ctgtgactcc	caaaccctcg	aatattttat	gaatctaaga	360
gtccagacgc	agttcatcca	cggagatctg	cgccccgtcc	acaccaacac	ccacgtttgt	420
gcacccacat	gtgcacggtg	ctcttcagag	cggcgaggte	ctcccccgcg	gggaggaatg	480
tgggagaggc	agaggtcact	gagtttcttc	ctgtttcgtg	tcacctcttg	gcaacctgtg	540
cctggcttct	agaagcggca	tgggcaagaa	aaggaagcaa	aagaggctct	ggcctgtctc	600
tccttgccca	ggagcaaagc	cagcaactgt	gtagtcccg	tgtgaggtaa	tgcttggcgc	660
cgcccggtga	ttcctgcagg	tcaagacaga	ttcgggccc	gtggggtggc	agcccagcca	720
cggagggcat	gcaggagaa	caccaccagg	actggctgcc	tgggcccag	ccacttccc	780
ccaggtcag	gggcctggag	tcagggggcg	tccttccctt	atctgtcccc	tgagctccct	840
ggctccccag	aagggtcttc	tatcaagaac	actgggccct	gggcagaagg	gagggcaagg	900
cccggctccc	cctggctctc	gacctctgcc	caggtgtgtg	ggacctgtg	agacgggttc	960
agaaggcgcc	agagagggaac	cagctggacc	tgagcctggc	tcctgggccc	gtccccctcc	1020
tggtgcagc	tgaccaagg	ttctcattag	caggggcccc	cgcttgggtg	cggaacatgc	1080
tttgggcatt	tgccatgagg	cggttgggag	ttttgcaaca	gtttccagg	gagcagagca	1140
ggaagagggg	cttccccgac	gatcccatc	actgtctctt	ctccatgggc	caagccatgt	1200
aggcagggga	caaaatgtca	ggtctcagca	gtctccatgg	tacctaattg	gacacagaca	1260
aggctccagg	ccccatctca	ctggcctggg	ctcctgacca	gtctcggagc	catcagctca	1320
ctccccatct	tgcccctgga	gttgagtca	aggcttggcc	ctggccacaa	atggccagta	1380
cagaaggggc	caggcacaca	gcacatgagg	gtctgggggtc	tgggtgctca	cctggctgtc	1440
acccaagctc	ctccaagaag	gccccaaagg	ccttgctgcc	tggaaaagcca	tctgtttggc	1500
tccttggcac	ctggcatgcc	cattccctga	aaccagctct	ggtgtggtca	acatgccgca	1560
gtctccttga	gtgagcccgg	gagcagaagc	cccatcccag	gaggggagtg	tggcggcagt	1620
gccaggcagg	aggcagctct	ggggcagagg	tgtggacagg	agtctccac	cgccctgggtg	1680
ctggctcaga	cctgcccttc	cggggctggg	gagacgttct	ggcgaggatc	atgtggggga	1740
aacttgacga	aggcaatggc	agccagctcc	ttgcagaact	cctccagcac	caccacgccc	1800
tggaggaggg	tctgggtggc	cagctgtctc	ccaggagcct	ggcccgtcaa	ctgcttgccg	1860
accaggagca	gcttgctggg	gaactgggg	accctctgga	ttctctgcat	caagtccccg	1920
atcacctca	ccaacacgga	gaataggctc	ctgcagccgg	gggccagggt	gatgtacgga	1980
tccagcaggt	actcatgaat	atgggggtgg	gggaagaggg	caagccggga	caggaccgag	2040
gtcacctgca	ggttcaggct	gtatggctga	tccagaatcc	gggacatgcg	gtcaaacagc	2100
actcgaggga	agtggccctc	gaagaaaggt	cgctcgggct	catgggggtc	caaagggtg	2160
ggggtcagag	gccagcccca	ggaggcgacg	cgggagctgc	actcctggaa	caggccataa	2220
gcacgtgga	cgtatgtgtc	atagcctgtc	tcctccagga	aggcagaggt	cttggcttcc	2280
tcggggacca	ggcacaggaa	actgttgacg	atctcgggtc	ctgctgtttt	gccatcgtaa	2340
ctggtagcag	gagctaggcg	aggctttgcg	ggagtttgaa	agccggaatc	caggaagctg	2400
tcgggtgaagt	aggggtcttc	ctccagggtc	agggtgtcct	catagctctc	aggctctggt	2460
gagccccagg	ccacgtaagg	gcggccctca	aggttgcgca	ggaccaggct	gtggatgatc	2520
ccctcgtggg	gcttctgcag	cagctcctca	aacagccgga	gtgtggtgat	gctgatctca	2580
tcagagaggt	ggtcacatg	cccgatgaga	tgagcataca	gggtgtgggg	gttgtccccg	2640
ggggcttcag	gctgccggtc	tgtgcccagg	aggaaagcca	cggcctcccc	cagcagcgca	2700
ggggagcgaa	gctgg					2715

<210> 8800
 <211> 1669
 <212> DNA
 <213> Homo sapiens


```

<220>
<221> misc_feature
<222> (746)...(1665)
<223> similar to gi386433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8800
tttttttttt ttgtagccca aggagtttag tctcctttgc tcagacagac agatctttat      60
tagtgttttt aacttatatt gtcacaact tcccagcaag aaatgtctta cattgcaacc      120
agttctcaca ttttagatgta tgggtgaaaa gtttcacaaa acagtatttg cttttactac      180
atgatgcatt ctggcctact ttattctgct tcattgctgt gtaatgctgg tgaccacttg      240
ctaattgatt tcccatttta ctaaattgggc tgggaccac ggtctgaaaa ccctgcctta      300
ggctgcaagc atttctgtga tctctgcgag ctactccata taggtaaaca cacgcgaggt      360
aaactaggaa acagcttctg cttttgcaga ttagaagtga agttgacatc acgccaagta      420
cgaaaaggct aaacagctga caaaatttcc acttgagcaa ccctggggag cgcaaacagg      480
aggaatcggg gcaagggtga cttgaagaaa gcaactggcag atcacgcact ttaaggcaac      540
tctacactgc acaatgtcaa ataacctagc atggggcggc actaaatggc tgcaggaaag      600
ccgagtcctt ttccacatcc ggcggtctcc ctcggtatgc agcgctggcc cagggtgtgt      660
ttacagaggt gagggcttcc cgtggacctt tctcgttggg agcgcttagc ctcaggagcg      720
gattcagggc acaggcagag gacgtccaca aacaccacag gaagccgcca cccaggggcg      780
tgaaaggcc caatgcctcg tctgggattc acggccggca aagcgcccc tccggaacgg      840
gacagcacag cggctcacct ctgcgcctct ggggggtgcg ggggagcctc gccctccacg      900
ctctctgggg gaccgccccg cctagccccg gcctgggctt cgcggttggg cgggtggggg      960
ccccggggcg ccccgagcgc gtagcttttt tcttctctgt gggctcttct gtgctcggct     1020
agggccaggc tgaagtggaa ggtcttccag cagccctgac aggcgtagcg cttccggccg     1080
ccatggctgc tgtggtgctc catcaggctg gagagccacg cgaaggcctc cccgcactcg     1140
ccgcaggcat agggcttccc gcgggacaag cccggctcgt cagccccagg gccctgcccc     1200
gcctccagcc ctgcgctgct gccggagcta gagacgcctc cgaggctctg cccgtcccca     1260
tctctggggg gcggcctctt ggttcccagt ttgcgcgtgc ccctgtccgg ggcaggctgc     1320
tggtatgacg actgcctctg cgatccgggt gcagagtcgg actccgcgtc ctgggggtcc     1380
tgcggttccg gggccttccc aggtctctct tctctctctc cagtgggtgc cgacggggga     1440
tcggcaaggg cgtccccagg gggcgctctc gtaggcagct caggcagcac ccccgcgggg     1500
gcggcctcct cgcaggcgca cccagcgctc tctgcgcgc tcccgcttcc tgggaggctg     1560
cttcttctgt gatctcttcc caccaaccgg agttcctcag tgtccagcct ggaggcagcg     1620
tcaggctggg aaagctgata cccccacagg agcagcttcc ggtagctct      1669

```

```

<210> 8801
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(997)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (604)...(996)

```

<223> similar to gi19390 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8801
aggaccgccc acataggacc gccacatgg gaacgcccac atagaaccgc ccacatagga      60
ccgcccacat gggaccgccc acatagaacc gtccacatgg gaccgcccac atgggaacgc      120
ccacatagaa ccgcccacat aggaccgccc acatgggaac gccacatgg gaccgcccac      180
atgggaacgc ccacatagga ccgcccacat gggaccgccc acatagaacc gtcctccagt      240
ggtgaagcgg aaacacttag ctttatccac cctccccact ggggaactggg caccgctgtt      300
gtgagtgcgc tttcctggaa ggtgttttta tctggaagat agaatccaag tatttataac      360
tcattgtcag ccaaagtcta tcatgaacgt aggaaacttg atttttttgt tttgatcatg      420
gcctctacat gcacctttcc agagtgggtct cttctcaggc ccttttttagt ccctttccaa      480
agctgcccc accaccctgc tcctctggcc tcagtgcaca gtggccccca gcctcggccca      540
ggcctgctct gctcagcgcc caccgcccac caccctcct gcttccccga gcctgacctt      600
gttccgcccc ctggcaatca gggctgcgca cttccctgtc cacgggtcccc aggccttccct      660
gtcttgctcc ttttgatcat tattaactca gggtttcagc tnccaaacct cgctgagttg      720
gtgccagctc cgggtcantc cctgggggtgg ggaatcggat cattcctgac tcagcttata      780
ccttaatttt atttgccaga ggattctttt cctcaaaatg ctctggcatt tggacacaca      840
tcacatgtcg atatttgcag aggagtcatt ttcagtggaa taacattttt aatgtgtggt      900
tttacgggtc aaggaactac atgatgattt tgaggaaaca cttgccagaa actaaattaa      960
cgaataaaag atttccagtg cccgaaaaaa aaaaaa

```

<210> 8802

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1349)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8802
tttttttttt ttcgaggagg gtctgggcta gtttattttc tctctggagg ggtcttcagg      60
gagagcagtc ccggctgctc aagcgggtgg gaaggagcgg ccgctcttgc tgaaagggtgg      120
ctgggagagg tcctggtcac agtcggagtc agagtcccag gaggggagtg gagggctcag      180
gcactggtgc cccttggtgc ctcttaggct cgaggccttg ggacaggccc ccgagcaciaa      240
agtgaggctg tctatggagt tctgcagcac gtgcacagca gaccatatat cactcagttc      300
cttctggagg tcatccttcc agcagccact ggctccctgc ggtatctctt cagtctccgg      360
acaggcggct gtctcatgac cctgctgctt catcttggtc aggattttgc ggcatttcac      420
ctgcgttttc tgcattttct gaatgttcac caagttctct gagatctcat cctcctgcgc      480
ttggagcttc tgatagatga aggtcacctc ctcccgacc agttccagct cctcccacag      540
gaacttcttg ctgtcccgga tctcctgggc cagcagctgc aggcagcgag tgggtcgggc      600
ccgtgcate tcctcactgt cacgcagggt cttctccagc ccctgaaggc cttgggtcag      660
ggccccatac agctcctgcc ggccctgctc catgcccac ttgtgctcct ccttctctcc      720
ctggcggcct gtggggctca gcacctcttc aagctgctga atcttgattt gctgcaagca      780

```

gctctccttc	tccaacatgg	tactgagtg	gttcaggaac	tcgaaagcct	tggctctgggc	840
ctgtaactgg	ctcttgagtg	actcaagttc	acatcgcagg	agcttctggg	agtcgggaat	900
catcacaatg	gtcttggtct	tgactttgga	agagctggtc	tccaagggtc	tcagattcag	960
cccatttggc	cccagcgctt	ctgttctcgg	aatccgggtg	ctgcggattg	aggtcccggg	1020
tcctaacggt	gggatcgggtg	tcctcgggat	gagatttggc	gtttcctcgg	ggctttgggtg	1080
ggatcgggtg	cctcaggatg	agatttaggg	tttcctcggg	gctttcggga	tcttcaccta	1140
atatccggta	ttattttatg	agaggagtgg	tcttggctgt	cagaactgga	tccttcgga	1200
ctagtgcaga	gcaaactctt	ccccttctac	ttccacatct	ccatgggctg	tgcttcatc	1260
aacctctgca	tcttggtctt	acagcatgct	tgggctcagc	tcacattctg	ggaggccagc	1320
caggtacgtg	ggtttgagtg	ccacacgaa				1349

<210> 8803

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (760)...(1438)

<223> similar to gi9447 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8803						
tttttttttt	ttccttgctc	agtgtctgtt	attgagtcca	tcacagagg	caggaaagac	60
gccactcatc	acagagggca	tgtgggctgc	gggcaggggc	ttagggtcct	gcagaggaca	120
agtagctggg	acagcccttc	accccgacac	cccattggcct	ctgtgaggca	ggctgaggag	180
acaggacagg	gaatggccag	gtgcagaatc	tgcacagccc	cctgccgggt	cgcagatggc	240
caccacccag	caggccccctg	gcactcaccc	acaggcagtt	ccccaccca	cttccccctt	300
ggaccctccc	aaatcagggc	cggggagtga	gaccagagcc	tggccccgat	ggcaggaggc	360
accctagctg	cttccagggc	caggagggtg	gggtgggata	cagtgaggcc	aaacaaggca	420
gaagcgggtg	cagtagtccc	tggctactgc	ccagcttccg	ggactccac	agctgggctc	480
agccttggtc	ctggcagtgc	tgggctcaga	aatacagggc	tggctcgctg	cggaagtccg	540
agaggtcatt	ctgactggcg	ggtgtgagca	tggcctccac	gggcgggggc	tctgcctccc	600
tcggggcctg	ctccagcgcc	tgctcctgcc	acttgtctga	ggccacagag	tgcttcgggg	660
tgtagctgga	caggcctgag	ctaccctctg	gcagccgaga	gctctcgggt	ctcacgctgc	720
tcacaaacgt	ggcccggggc	aggaagagtg	caaagggtct	ctcctctgag	ccggatccct	780
cttcctcctc	ttcctcttcc	tcctcctcct	cctcctcctc	ctcctggtgg	tcacacctct	840
cctcctgctc	tagggagctc	tcggaagggt	actcaaagt	ggtctgcagg	cttttgctgt	900
tgaaggagat	cttcatcttc	tttcttgagg	agccagcctt	ggtgaggcag	gacttctgca	960
gggcccagta	gccgccaatc	acctcgatct	catgcacggt	gggtagcgc	tttttcaacg	1020
tgggccccag	gaggcaacta	gcctcctcct	cctcggcctc	ccgtggccaa	ggctccctgt	1080
tggcctgact	gaagtgtctg	tcctgcagag	tccttggtct	cctcttgggc	accactgtga	1140
aggtgttgct	gccccggggc	tgaagctctg	ccacgcaccc	gggcctggca	gggtgcagag	1200
gcctggcagg	gtgcgggagg	tagggtagtt	tggtgcttg	gggggctctc	tccgagtcta	1260
cctcatcgat	gaaggtgaca	ggcagccccg	gcctcacata	ttcccggcta	ttcttggcca	1320
agccaggaac	cctgaggccc	tcagcaggct	cagcttcttc	cgaagcagcc	ggcaggaagg	1380
ggggcgggtg	ggacggcctc	ctcgccccaa	gctaggcgta	atgatggtca	cagatggt	1438

```

<210> 8804
<211> 851
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (371)...(811)
<223> similar to gi3980113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8804
tttttttttt ttcagaatcc aaaaggactt tatttttctgg cactgggagg cgccctgagg      60
ccacagcctt ttcccagggc tgctggcagg gtcccagggc tgctggcagg gtcccagggc      120
tgctggcagg ggttggtggtc ctggtgagca gaggagcgac gccgctgccc tggccccgcg      180
tgccctatg atcctgcact ctgggggtggg agctacatat catccttgga caccaggcag      240
tagaagtctg tgcgggcact gtagtttcgc gagccgagat ccgagacgtc cacttcgctg      300
ctccggtctc tcccagcga gacccactg gtgtgcggtg gagctgatgg ctctccaaaa      360
acaggcccc ggacaccag gtcgccctca ggttccgggt ccacctctga gtccagggcc      420
cgccctcag ggactcggcc tcgaagaatc agcatggggt ccttgctcgtc ctgcagctgc      480
gtctgggggt ctccttcac cggcctgtac cgcaccttc gcggcagcgc cagctgcact      540
tctttccaaa aatcggagga aggagtcacg gagccggggc tccagagcag caaggtcacc      600
aggtggcggt gctggcgag caggcggagc gccgggtgcg cggggtcgcg cctctggccc      660
tcgaagggtg tgaagatggg tctgcggtg agctccagca gccggcacag gccctccctg      720
cggggcgggg ccgtcagggg ggtgggtgct acgctggggc ccaccaacc ccgcgcggga      780
cccaccggaa gctgtggctg caccaggccc ggctcaggaa ggcgtccgaa agcaccacga      840
tgaggcgctc g                                     851

```

```

<210> 8805
<211> 1058
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1051)...(1058)
<223> similar to gi453373 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8805
tttttttttt ttgcataaaa tactgtttat ttgtccttt aggaagacta aagtagtcca      60
gctcccctac agcccagtct tgccccacc ctgcactctg tcgccttagt tcctggggac      120
caagcatctg gcattttctca agcagacctc ctcttggtg ctcttttca gtccctggag      180
tctggcttcc caaagccaaa gctggaggag agctcattgc tgaggaagca gggttggagc      240
ctgaggagat gcagagggcc tggaccctc gctggatccc agaggcccag gggcagagat      300

```

gctgggacag	ggctctaggg	gaccactggg	tgactcttga	ggggctagaa	gcagggctgg	360
gtgacttttg	ctacggtggg	ctgcaacact	gtctggcttc	tcaaagecgt	tgccgcagaa	420
ttcacagggg	aagcgcaagg	cagccaccgt	ctctgcatgc	ttgcgctggg	gccagttcag	480
ggaagccttc	tggcggcagg	taaaccgcga	tatctcacac	tgcaagggtt	tttctccagt	540
gtggatacgt	ctgtggatga	caaggttgct	gctagtgcgg	aaagaccggg	cgcagaactc	600
acagatgtag	tcccgggtgt	cactgtgcag	cttcatgtgc	tccttcaggt	gtttcttaaa	660
gttgaaagac	ttcccacagg	ctggctctgg	gcaggagaaa	gacttctggg	ggatgtgctg	720
gtactttttg	tgggtgctaga	gaagggaagt	gggtgtaggg	agagaagagg	caaaagcata	780
gccaccttcc	acggagagat	gaactgagct	gaccggcag	gcatgctcct	ctgtcccctt	840
cctggcccct	gtgcccagc	agttctccct	gtcatggcct	gctcgtttcc	ttgaggatca	900
gtcctcacct	acaccatgag	taccacaccc	atcccatacct	gaccactcaa	ctctcctgtc	960
acccaattct	gtgctttact	tccattatct	cacctccttg	tcacactctc	accctgcaat	1020
gtcctgcaat	gttccctgta	caaagtatca	ctctgggt			1058

```

<210> 8806
<211> 462
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (36)...(431)
<223> similar to gi451544 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8806	
ccccagggtcc	gcacggtcac cagatgcccc
cccttacagg	gtgagcctac ctgtccagtc
cccccccccc	acccccagct ggaggcccg
atccccggcc	caccagcca gccagccag
ttctcaatca	tgtccgcag catctgatcc
gccatgagcg	acaatggcaa tggcaagggt
agtggcaccc	cagccctgag tcccgcctgg
tcgagccggg	tgaattcctc cacactgcct
	acgaatctca aa
	60
	120
	180
	240
	300
	360
	420
	462

```

<210> 8807
<211> 2855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2626)...(2855)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8807

cccaaagcgg	gacaggtcca	gcggttggtc	tgtgtgaagt	cgcgcggctt	ccacccacgc	60
agtgtttctaa	gtgaaggcca	gaaactcgct	cgccatgtcg	gctgcagagg	cggggggtgt	120
tttccacaga	gccaggggca	ggaccctggc	cgcgtttccc	gcagaaaagg	aaagcgaatg	180
gaaaggccca	ttctacttca	tcttggggcg	agaccacag	tttgggctga	tcaaggcctg	240
gtccactggg	gactgtgaca	atggcgggtga	cgaatgggaa	caggagatcc	gtctaactga	300
gcaagccgct	caggccatca	acaagctgaa	ccccaaaccc	aaattcttcg	ttctgtgcgg	360
cgacctcatc	cacgccatgc	cagggaagcc	gtggcggacg	gagcagacgg	aggacctgaa	420
gcgagtgtct	agggcagtgg	acagggccat	cccactgggtc	cttgtcagcg	gcaaccatga	480
cattggcaac	acccccacgg	ccgagaccgt	cgaggagtgc	tgccggactt	ggggagatga	540
ctacttcagc	ttctgggtcg	ggggcgctct	gttcttgggtc	ctcaactccc	agttctacga	600
gaacccctcc	aaatgcccc	gcctgaagca	ggctcaggac	cagtggctgg	acgagcagct	660
gagcatcgcg	aggcagcggc	actgccagca	tgccatcgct	ttccagcaca	tcccgtgtgt	720
cctggagagc	atcgacgagg	acgacgacta	ctacttcaac	ctcagcaagt	ccactcggaa	780
gaagttggca	gacaagttca	tccacgcagg	tgtcagagtc	gtgttctcag	gccactacca	840
caggaatgcc	gggggtacct	accagaacct	cgacatgggtg	gtgtcatctg	ccattgggatg	900
ccagctgggc	agagaccccc	acgggctccg	agtcgtgggtg	gtcaccgccg	agaaaattgt	960
tcaccgatac	tacagtctag	atgagctgag	tgagaaagga	atagaagacg	atctcatgga	1020
tttgatcaag	aaaaaatgac	gtccttctcc	gttcccgttc	acttttctact	tgcactatct	1080
ttttattttg	ccagaaacag	cagctgcaca	caacctcttg	ctgaaatata	aaaatagccc	1140
aggcagggtt	gtgaatttat	gtccttttgc	ataaatcaga	gagctggggc	cctgtcctga	1200
attatattca	aaatagaact	gcatttccct	taaaatggag	cgaatgatcc	tggaaatcag	1260
tttttaaaat	attagactat	ctctgcatgg	atgtttgaat	aaattctcct	aatgctgtgt	1320
ttctcaactc	cacttttgaa	ttggattgta	ttctggttag	catatggtca	aagtctgcct	1380
atcgacctca	attccaatct	gacagccaag	tatgatcttt	gataattcct	taaacaaact	1440
acacctgatt	gtattaaatt	gtggctcacga	ttcccaaaac	gctaggcaaa	acaaagttca	1500
tctcctttcc	tttccagcgg	aacgaacagc	tgtctgcctt	gttgtgagag	ccatgcagac	1560
ttattttgac	aaggagccaa	gtaggcacca	tttactgttc	aattctgaga	cttctgatga	1620
taggaacaga	atgcagttga	tacagctcgg	agcttaaat	tgcttctctg	ggtgcctaga	1680
aaagtcacct	ttgcacataa	attggccatt	tctgaaaatc	tctccaaga	gactgaaacc	1740
aaagctctaa	aacgccgctt	cttcagtctc	tggggagcac	gttgagttgg	ttcacatcca	1800
cattctggct	gtgtagccac	tccacagatg	gggtgtctct	tgggatcaga	atgccccctc	1860
actcatgaga	ctcttcattt	tgtccacttt	gacaggaaaa	gtgggaatgt	atgcagagct	1920
ctcaaaaagaa	acaaaaaagg	ccaaaacggt	gccttcagcc	acatcctctg	aattggccct	1980
gacttggact	aatgcaacta	atgcaaaatc	ccttgacaaa	agcgcatagg	ttatttcaaa	2040
ccagcattgt	tttttatgta	acctgtttta	ccgcactctc	tcagcagctt	ctgaccactg	2100
ctcaattttc	tcctttacag	ccattgttct	gggtggacaaa	taacctaggt	actccaaatc	2160
ctggcaggaa	aaatatacag	cattatgaaa	cagcactcag	taatcctaaa	atgatttcca	2220
aagctgggta	cacatgacct	gcaaagtcta	ttaaattaaa	agactttctc	attacagagt	2280
ttagtcaacg	tagcaaaacc	atgggaaatt	aaatgggaaag	ataattaaat	atgtaaattc	2340
ataaggaaca	aaagacgaga	agttaattat	acaataggct	ggtgacacca	gagttcattg	2400
ttatgtgcc	caagaaaatt	aaatttttta	aaaaactaga	acgtctctct	tttagtggtt	2460
tgctgaaatc	ctgttttgta	tttgtttctt	tacaacaggt	gtaggtatag	gaggtcaaga	2520
aaaggagttc	ggtaaagggc	atagctaata	acaaccacac	attgggcccag	gcgcagtggc	2580
ttacgcctgt	aatcccagca	ctttgggagg	ctgagacggg	cagatcacct	gagatcagga	2640
gtttgagaac	agcctggcca	acatggtgaa	actccatctc	tactaaaaat	acaaaaatta	2700
gccaggcatg	ctgggtgcaca	cctgtaatcc	cagctactcg	ggaggctgag	gcaggagatc	2760
gctggaactc	aggaggcaga	ggttgacgtg	agccaagatc	atgccactgc	actccagcct	2820
gggcaacaga	gcaagactct	gtctcaaaaa	aaaaa			2855

<210> 8808
 <211> 1014
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (243)...(960)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8808
tgccacggag atcacgtcca gcggtctccg cctgggctgg ccacccctgc tgaccgcaga      60
ctcgggctac tatgtgctgg agctggtgcc cagcgcccag ccgggggctg caagacgcca      120
gcagctgcca gggaacgcca cggactggat ctgggcccgc ctcgaccggg acacgggacta      180
cgacgtggcg ctagtgcctg agtccaacgt ggggtacgc ctggcggtta cccgcagct      240
agccccggcc ccatccccgc ccagagccgg gcgttcgtgt gggtcctgtg gtgataattg      300
agagcgtcag acccaggact gttcaggagg gagccccgtg cagactccca cgtgtgaaga      360
ccgggccccca agtggaagg gctggcctgg ggccggcagc ttgggtcctg gacgttgata      420
ggaagcggaa ggggaatcgc gggaagctgg ccaggtcag gtccgcaaag gcttctgaag      480
aagaggaagg gcgagtaggg gcacctggac gctgatggtg gccaggatgc tcagctggcc      540
aggagggcag cacctgctgg ggacgggtggc cctgccttca tgcccaggac accagctggg      600
tccagctagc agccactggg aatcagagga atggggcaga gctgggcatt caggaccttg      660
aggacacgtg accccacccg cccaccgcca ctatcaggcc ccgggaccgc actgacagga      720
aaccttcctg cgtgaggagg cacttcccag gggccgcagg gacgacactc tccaggaggg      780
ccccagcaac cacaccatct tcttgctgtg agaggtctca ccccggtcta cctcctgtca      840
ctactcactg ccctggggtc cgtgggcaag ttgccagggg tgggggtgcc tagccagggtg      900
cagtccccgc ccgcctagt cctcggcgtc acgcaatgct cacctcgcct cttccccact      960
aacatcccag actttaaaat tcagtaaata agatgtacac cgagaaaaaa aaaa      1014

```

<210> 8809
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(436)
 <223> similar to gi433707 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8809
caatgatgtc cttggtccct gtggtggaat tcgtctcatc cagcggtctg ggaactgggc      60
gtccgggggtg cgcgggggcg acagggtgc accatggggg gcttcggggt ccgtgtgtcc      120
gggacccgct cctgtctctc acctccctcc taagccggga cccttcgtc tccccgaatc      180
tccctgggaa cccccagcta gtcacccctt cagcccgga ccctctctg gcctgggaac      240
cactcaggcc tgggatttcc ccagtccccg accttcttag ccttggatct gtggggcccg      300

```

actctggctt	tgctcttcac	ctgcaggacc	cacatccgtt	tccccgagt	ttcatcccc	360
gccttccctt	aaaatgcgca	tccccggacc	atccctggtc	ccttgccctc	tcctttcctc	420
tctcctgggg	tgccttgc					438

<210> 8810
 <211> 1266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (485)...(1202)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8810						60
tctccaaga	gtcaaagtag	gtaatggagg	aagaaggatc	tgaagacgca	gggaagtgcc	120
caggccccc	cagggaggat	gaaagcagcg	gtgcctgcc	cgcccgagaa	gcaggctcca	180
actctcgtg	tcgtcagcag	ccgcactgct	gcctgctttg	tcattttatg	cttatgtaaa	240
aaaatactt	ttgcaagaaa	aatctacagg	tacaaaatgt	catcccagcc	ccatacagta	300
ccaagtaata	tataggcata	tatatatata	tatatattta	tgtatttata	acagaaaatt	360
ggatagaaat	tattccaggc	atatgggatg	tggttcccc	gggccagAAC	cacgtagggc	420
agaggagccc	tgcctccaa	gtgtgcatgc	ccaccaaagg	gacaggggct	ttcaggagtc	480
acaccagatc	acgcttgga	cctttttaga	gcctggetga	gccacccttt	ccagagttcc	540
agtgagcagg	gggccctca	gtgcatcttc	cccacctccc	ctgcttccag	ggacgctggg	600
ctgcagactt	cgcagctgct	gccacatggg	gttggagcct	ccaacagcat	catccctgag	660
tagacctgg	ccactgagtc	ccacaggctg	gctctctgca	gcctttccct	gcagggtcacc	720
accctctaca	ggcaatggca	aggacgcgac	atcacaggta	gacagccca	atcctctcat	780
ccttcgggtc	tcctggactg	gagttgtccc	ggtgccctgg	agaccagtc	actgccacct	840
ctccctgcc	tggactcagc	aggggaaaga	ctggaggccc	tgtccctgcc	ctttggctct	900
gccagcacc	ccgaccagcc	ctatatctcc	tcctccacct	tcaagatcat	ccctgagaag	960
acctcgagcc	ccgagtgggt	gcccttgggg	ctgtcctggg	agcctccagc	aggccctgg	1020
gccactccac	tggcaggact	accgtcctgg	agtgagggtg	aggcttccc	ggtagggcgt	1080
gcttccacca	gcctctcgag	ggtccggttg	agggcctcca	cgccatcggc	cagacgctgg	1140
ctctgctcgg	ccagccgctg	cagcagcagg	ttttgctggg	ccatgagtgt	gctctgctgc	1200
tgggcccagg	aggacagcag	ggcgccctgc	tgcgggtggg	agtccagcag	ctgctgctca	1260
aatacggacg	tttcagatgc	tgcgctggg	gtcctcctga	gggcaaggga	ggtgctgaat	1266
tccggc						

<210> 8811
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (706)...(0)
 <223> similar to gil185397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8811
ttgaggtggc gcggcgctaa gatggcggcg gcggcggcg cgcccggtgc gggggtgggg      60
cgcggtggcg gtggcgcgga gccacggcag gagcgagacc gggcccgtg ctgggcccgc      120
gtcgaacgca gcgaaggccg gaggatggaa ccaggtgagg agctggaaga ggagggctct      180
ccaggtggcc gtgagatggc ttcaccgccc agcacctggc tgcagaggcc atggcagctg      240
acatgggacc ctggctagt tttgatgccc gcacaacgcc tgccactgag ctggatgcct      300
ggctggccaa gtaccacca tcccaagtta cccgctatgg ggaccccggc tcaccaact      360
cagagcctgt gggctggatt gcagtgtatg ggcagggcta cagccccaac tccggggacg      420
tgcagggcct gcaggcagcc tgggaagctc tgcagaccag tgggcggccc atcacaccgg      480
gtaccctgcg ccagctcgcc atcacccacc acgtgctctc gggcaagtgg cttatgcatc      540
tggcaccggg cttcaagctg gaccacgcct gggctggcat tgcccgggccc gtggttgaag      600
gccggcttca ggtggccaag gtgagccacac gtgccaagga ggggtggcgcc caggtcatct      660
gtgtttacac ggacgacttc acggaccgct tgggtgtact ggaggcgcat tcagccatcc      720
gtgcagcggg cattaagtgc ctgctcacct acaagcctga tgtctacacc tacctgggca      780
tctaccgggc caatcgctgg cacctctgcc ccactctcta tgagagccgt ttccagcttg      840
ggggtagtgc ccgtggctcc cgagtgttg accgtgccaa caacgtggaa ctgacctaga      900
ggggccaaat tggggagact gccactccc ccctccatgc tggggttggg tcctcctgtc      960
ttcctccttg tcccatgaag gccacacccc ccagctctgg ggactcctag gtcacttggg     1020
aactacctgc atcttcagtc cccttgaact tctgcccctc gttcagggtc gacacaagcc     1080
ccacaggctg gggggctccg gttccctgag ggatgagcct tcagcctccc tttgtaatgc     1140
tgctcctctc cactgcccag caccatgagt tgggtgcaga cacctagaag gagagacttc     1200
ttggaacgct catccccgc tatacctccc ctctcctctg catctcccct tctttccttc     1260
cccctcagga gagagaaaac ttagtgcttc cagcccttct tggagccttc atggtccagg     1320
ggtagggggc ccactggcct gagcatgcca ttttgagggg agggtagttg tgcctactta     1380
tcccctggca gaggggatgc caggaccatg gacatgaggc ttgcccattc ctgccaactt     1440
acacagcctg taccactgtc cccccttcct tggctacttt gacatgtgcc tgctcctggc     1500
atttcaataa aaccgggctt gggctctgtg cttgagtgtt ttttaaaaaa aaaa          1554

```

<210> 8812
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (513)...(889)
 <223> similar to gil003016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8812
cgtccgatat cttaaacttt ttgagtgcc aacctgtctac acaagtggaa aattccacac      60
ctgacctcat gtgacagggc atagtcaaag cacaggtgca cgacacagtt gatttagcgt      120
ccccaaggga aaaaaagac ccaccagcc cccttcaact atagtataac ttttcacgc      180

```

acacccaaat	tccccacac	aagcacgccc	acaatgtgta	ataaaatggc	acgtgtgcag	240
gctggacgca	cccaacgcat	attccccacg	atacctcacg	tggggccgag	aactccatgc	300
attactcact	gtgggttttt	gcttattctc	tgcagtgtca	tgtaaaaata	ttactgaaaa	360
tgtcgaaaag	gcctgcagat	ccccctatgt	gtaacagtga	tcagaaaaag	aggaataatt	420
tatgtttatc	aatagcacia	acagtcaact	tgttgaggga	actgaacagc	agtataagtg	480
tgaagcgtct	tacagaagag	tatgggtgtt	ggatgaccac	catacatgac	ctgaagaaac	540
agaaggatac	gcttttgaag	ttctatgctg	aatgtgatga	gcagaagtta	atgaaaaata	600
gaaaaactct	acgtaaagct	aaaaatgaag	atgtgaatag	tgtattgaaa	aactagatct	660
gaaggcatca	cactgaaccc	gtgccactca	gtggtaggct	gatcatgaaa	caagcgaaga	720
tctatcctga	tgaactgaaa	attgaaggga	actgtgaata	ttcaacaggc	tggttgcaga	780
aatttaagaa	atgacatgga	attcaagttt	taaagcatct	gcagatcaca	aggcagcgtc	840
gaaactcatt	gacgagtttg	ccaagattat	cgctaataaa	aatctga		887

<210> 8813

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (204)...(2)

<223> similar to gi2104911 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8813

agctgggggag	aggtagaggg	tggcataaga	acaggaatga	gaataagagt	aaatataaaa	60
gtaaagaata	ggacttcac	agggtgaaag	tattggagga	tacctgtca	ctgaagatct	120
tctgtccact	tcaagagaga	cttaagggtg	gcaatttgag	gtaaaaccag	gagccactaa	180
ataccaagag	cctgagaaac	tgcttgggta	atatgactag	taaaggcccg	tccgttaatg	240
ggactgtata	gaggtgggaa	ggctaaactg	aagaattatg	tctgacagaa	gggaagaaat	300
gactgtggtg	gccttctcag	accctgtggg	aaaggctctc	acccatctag	tgaaagtgtc	360
taccctgacc	aagtgggtatt	ttggtttcct	gactccgggc	atgtgggtaa	agtcaatttg	420
ccagtccctg	gcgggggaaa	atccctgagc	ttgatgtgta	gggaagggtg	gggtgggggg	480
ggttgtcctt	aacaatccct	gtggggtagt	ggaatagctc	ttggaacaca	tagaagtgat	540
tttacttgag	gataaatttc	tctattgaat	ggtaatgaga	gggtctaata	gactggtcta	600
tgg						603

<210> 8814

<211> 1798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (299)...(1798)

<223> similar to gi5726236 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8814
ttagcagcaa gtgctgtttc ctggggcagg ggcaagtacc cctcaacccc ttctccttca      60
cccttagcgg caagtcccg cttcctaggg ggcaagaacc ccccaatcgc ttatttccgc      120
cgcaccccaa cctcttatct ctgtgcccc atcacttatt tctgcacct gacctcttat      180
ctctgtgccc caatccctta tttccctgcc ccaacccctt ctctgcttcc ctggagggca      240
agaacccctc gcccttcttc cctgtctcta ctcttttctc tgggcttgct ccttcactat      300
gggtaagctt ccacccctca ttctccttcc ttctccctta gcctgtgttc tcaaaaactt      360
aaaacctctt caactcacac ctgacctaaa acctaagtgt cttattttct tctgcaacac      420
cgcttggccc caatacaaac tcgacaatga ttccaaatag ccagaaaacg gcactttcga      480
gttctccatc ctacaagttc tagataattc ttgtcataaa atgggcaaat ggtctgaggt      540
gcctgacgtc caggcattct tttacacatt ggtccctccc tagtctctgc tcccaatgtg      600
actcatccca aatctttctt ctttctctcc tttctgttcc ttctgtctcc accccaagtt      660
ccgagtcttc tgaatccttc ttttctatgg actcatctga cctccccctt tctccccagg      720
ctgtctctcg ccaggctgag ccaggctcca attctcactt agcctctgct cccccacctt      780
ataatccttt tatcacctcc cctcctcaca cctgggtccag cttacagttt cgttcctcga      840
ctagctctcc ccgatctgcc caacaatttc ctgttaaaga gatggctgac tatcctgact      900
tcatcagagc aggctgggtgc ctggccttcc tggaatgagt ggggtgttctg acaggccccc      960
agtttgtccc atctgcaccg ccaagagggtc tccgggtggc cagaggagca aagttgcctt     1020
ccaagtgcct gttggtgcct gggagaacac agcaggagtg tcgtgcggcc cacagcgcag     1080
tgcatggtga ttccaggcgc tgaacaactc cccttgacct ttgggcctgc atctgactcc     1140
cggctgcaga atcagaagct gagtccaggc aaccgctcgg aactcccgg tctactcctt     1200
ctggacaccc agttactaaa gtcagcaaag aagatgcggt aatcacccgc tgatctccac     1260
atggtgaaca caacactctc actaacacct ccttgaccag tcagtcttca gcactggggg     1320
tggaacaggc ggttttctgt gtttaccaga atcgcacagg ctaagcacia acatggaacc     1380
agagttccca ggtgaggaaa cctcactcgc agaagcccag gctgcacccc accagggtgat     1440
gcagtgcgcc taggctgtgg gtgctaggag ccaagtgtca gggactcgtc atgagtggga     1500
atccccacgt tctgtcact gctgtcaaac agaaggtaaa cagtcttacg aatgtaattc     1560
cttaggaaga cttgtacaaa cttttattag gatattctatt tatttaatac tgaactttgg     1620
cctactttgt gataagacta taaacaaatt gaggaaatca ctatttctca cttctgtatt     1680
tctcaaaaaa taattttgat acagagttca atatactgtg tactactgat cttctattat     1740
gaaagcaaag catttcatca aaacaaagta ttttaaatta tgagtgaata aaaaaaaa     1798

```

<210> 8815

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (338)...(769)

<223> similar to gi2707217 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8815
gctggccaag taagccacta acctagggtca taaagagtta gctttgggac catttatttc      60

```

catgatcaaa	ataaatacat	ctggggttta	cctgaatcac	catttagtaa	catagtcac	120
agtttcagta	cctttgtctt	tttccaggta	aaactcttta	gcctcttata	aaacatgta	180
tgccacatct	aaattccata	ttttatgtaa	tataaggaaa	aatagtttta	tttgtatgat	240
ttatacttca	tgtgttagga	acctgtgact	acatgttctg	aactgttagt	aagaaaaatg	300
gtattggata	ccttactctt	taagattttt	aattattttt	ggtaaaactg	ggaaatagcc	360
gtctgatttg	cattttattt	tcttttgtat	tttaaggata	tggaatatta	tcttgtaaaa	420
tggaaggat	ggccagattc	tacaaatact	tggaacctt	tgcaaatct	gaagtgcctg	480
ttactgcttc	agcaattctc	taatgacaag	cataattatt	tatctcaggt	aaagaaaggc	540
aaagcaataa	ctccaaaaga	caataacaaa	actttgaaac	ctgccattgc	tgagtacatt	600
gtgaagaagg	ctaaacaaag	gatagctctg	cagagatggc	aagatgaact	caacagaaga	660
aagaatcata	aaggaatgat	atttgttgaa	aatactgttg	atttagaagg	gcccaccttc	720
agacttctat	tacattaacg	aatacaaacc	agctcctgga	atcagct		767

```

<210> 8816
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(428)
<223> similar to gi687815 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8816						
tttcgtgctg	aattctgcgt	cttcctttag	gctgcggcga	gacaatcccc	agagccccgc	60
ggccccgcct	eggggcagcc	atggactcgc	aggaattgaa	gactttgatt	aattactatt	120
gtcaagagag	atatttccat	catgtattac	tggttgccag	tgaagggaatt	aagaggatg	180
gaagtgatcc	agtccttcagg	ttttatcatg	cctatggcac	attaatggaa	ggtaaaactc	240
aagaagctct	tcgagaattt	gaggctatta	aaaataaaca	agatgtatca	ctttgttctc	300
tacttgcact	gatatatgcc	cataaaatga	gtcctaatac	agatagagaa	gctattctgg	360
aatcagatgc	cagagtgaag	gaacaacgta	aaggagctgg	agagaaagcc	ttataccatg	420
caggettatt	tttatggcac	attggctcg				448

```

<210> 8817
<211> 499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = a,t,c or g

<220>
<221> misc_feature

```

<222> (301)...(500)
 <223> similar to gi457199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8817
aaacacacgt aaagaggttc aataggntnta atgtggtaaa aggagatgta tttaaactg      60
gcaggcattt gcccgaagct gcttgtaaata aagctgtggg acagccgctg cggaagatgc     120
agagacccca gagatgcaga gaccccagag atgcagagac cctagagatg cagagactcc     180
agagacgcag agaccccaga aatgcagaga ctccagagac gcagagactc cagagaggca     240
gagacccag agatgcagag accccagaga cgcagagact ccagagacgc agagacccca     300
gagatgcaga gaccccagag atgcagagac cccagagatg cagagactcc agagacgcag     360
agactccaga gatgcagaga ccccagagat gcagagaccc tagagacgca gagacccag      420
agatgcagag accttagaga cgcagagact aaagagatgc agagtcccca gagatgcaga      480
gatcctagag atgacgaaa                                     499

```

<210> 8818
 <211> 560
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (56)...(399)
 <223> similar to gi4160198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8818
tttcgtctgc ttttctgctc ctggaagcgg ccaagggggg aagcggcgag tcaacatgga      60
gcttttcagcg gtgggggagc ggggtgttcgc ggccgaagcc ctctgaagc ggcgcatacg     120
gaaaggacgc atggaatacc tcgtgaaatg gaagggatgg tcgcagaagt acagcacatg     180
ggaaccggag gaaaacatcc tggatgctcg cttgctcgca gcctttgagg aaagggaaag     240
agagatggag ctctatggcc ccaaaaagcg tggacccaag cccaaaacct tcctcctcaa     300
agcgcaggcc aaggcaaagg ccaaaactta cgagtctcga agtgactcag ccaggggcat     360
ccggatcccc taccctggcc gctcgcccca ggacctggcc tccacttccc gggcccgga      420
gggccttcga aacatgggtt tgtccccgcc agcgagcagc accagcacca gcagcacctg     480
ccgcgcagag gccctcggg accgggaccg agaccgggat agggaccggg agcgggatcg      540
agaaaggag agggagcgag                                     560

```

<210> 8819
 <211> 2545
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (458)...(2547)
 <223> similar to gi537432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8819
tttttttttt ttcccatata aaaaataggt ttaatgcagg tgggtcatgg catgacgaat      60
ttcacaggca ccggggacag caggcggcca ggtgctcaga gggcaccaag gtgccacaac      120
tccctgcagc gttgacaccg cacgagcggc accaccagcc cctcccgc tcccgccccca      180
ccttcaccct cagccaagag gcttgggtga ctctgagtaa tacgttaaca aaaaacaaaag      240
cttctttgag gaaacagcat gacttagtgc aaaagattct ctgcagcaag aaatgaggcc      300
cacgcaggga agctcccgcc tacctgcccc gggcgtggac gcagcccgcc ctcatcagag      360
gtcatccaca gaagctgccg ataaattaga gagcacggtt tacggccaga gattttttgc      420
tttctctacc tgatttaggg tttttcaaaa agtttctctt ccagtggcac acaactgtcc      480
tcatggctcc tggggccactg gtccgcctga cagggtaggg tcacaagtcc caccatgcc      540
cagagtgtgg ggaccatgga tttgaggtga cactagggtt gtcagtacca caccctgtgt      600
cctgctctag ggtagcctct gcctgttgct cttgcaatca ttattcaggg cgcctccca      660
cttgccccc aagtcacacg gccatgggca gtccaccata gtgctgccgt gactgcaagg      720
ctgaggagca gagcaagggg tccctgggtga gacctcgcc catggtggcc accctccctg      780
aacacaggca tctgcgcccc tccagccccc ctgccccctg gccatcattt gggcccccca      840
gacactggag gacagcgtga gataagatct cagcatatac ctggggctct aagatgctgc      900
tggtgccaca caggctctgg ggctgtgttt gccgcactga ggctctgccc gctgctccg      960
gacacttggg acacgcgttt ccatcctggc tctactgaagc ctcgatctcc caggctttct     1020
ttgacggtgt tccctcaaaag aaagaggccc aaagccctcc cccgcaaaaa aagccagaaa     1080
ggaatggagg tgctccgca gaaatccaga gcatctgcaa gacatcctca cagccctccc     1140
agaacaggca gacaggccag tgttgctgga gtcagccctt ggctcccagg gttcccccca     1200
ggccagcccc tgagctggga gcctgctgag gcccctccca cctgagccct tctccggccc     1260
cccgctagac tgcattctaca caatccaagg ggaccctgaa ggctggctgg ggactcagga     1320
cccacacagc cctcaggat gacacacaca ggggtggtccg cgggcagtgcc caggcctcag     1380
gcgggcccagg gcagagtaag cagctttgtg gcagtgtggt gtgtcagcga ggggagcctt     1440
ccgtgtcccc ttggctgggg ctggggccag ggcacgcaga aggggctgtg cagccaggag     1500
ggccccctc cggaattgct cctgggcaca cagccctctg tgtccagggg cctcccaggg     1560
tgatgtctaa agtccctggc agctgtggtc ctggagagag gcccacagag aggcggaacg     1620
gagggccccc cccgcagtag gaccgaaga catgtgagca ggagccaccg gcagggtggg     1680
gctgccccct agagtgcata cggggagggt ggggtccagga agccagccta ggggtggtgt     1740
ccgcgcccc atcacagaag tctcagccct ttcttttctc tccgtgggcg ccgggcagca     1800
gcgactgcct gggggatggg cgaagggaag gcgctggccg accccaccca tggagagaac     1860
acagccacag gccgggacga tacatcaagc tcgacccac ggccctcaca tgtccacgaa     1920
gaccatgaag caccagcccc ggccccgac cagcagcatg gtgacgtgga tgccatagac     1980
gagcagctcg ttcaccaggc ggaagtcac gcgccggcg cccagcagca gcagcagcac     2040
cgacagcttg cgctggaagc gcagcaggac gcgaacgccc aggtactgta ggcagaagag     2100
ggcgccagc gcaccccaga gcgcgcagt gaacaggctg cagctaaagt agagtaggaa     2160
gcgatgaag ccgtacagcc agcgcgtctt gatgtacac tcgaagtgtt tgtacttggt     2220
gcgggcccagg tgggaggcgc gcacggggcc gcaggccgca tgaggcagg tgggtgtgcgg     2280
gccgtggaag gaggcgaccc gccgcggaat gggcatgacc ggcatgggg cccggcgggc     2340
gcggcgctag gtgcagtggt cggcgggcgg gtccaggcgg cgggtggcgt aggggtcatg     2400
ggcgcctagg cctgggagcc cgcagctgac cctgggggga ggcgtcgcc cgggtgccctc     2460
tccgcggcgg cgcggcgctc ccggacctcg gggccggcgg gcggtgctag gggccgggca     2520
agagggtgcc cctgtccctc gggggc
  
```

<210> 8820
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (78)...(553)
 <223> similar to gi705389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8820
caactggcat gagtcatttt gaccagcaga ttaatcaact gtaaaaccga tcctcacaca      60
aagaggctac tgaaaggatg aaatcactga cttggatctt gggcctttgg gctcttgag      120
cgtgattcac acctggtgag agtcaaagag gccccagggg accatatcca cctggaccgc      180
tggtcctccc tcaacctttt ggccaagat ttgttccacc acctccattt tccctgtaa      240
attctccaac tgatcctacc ctccctactc ctgcacccca aatatgaaca actgcagcag      300
gtgccaccac caccacaaaa gacaccacta cccttgtaac tactgcttct gctacccaaa      360
atatgaattc caaactgct tccaagagac atttacataa aattgcttcc atttttggat      420
gagaatgaaa aattccaaaa gtgctgagct ttggggagaa ataatcttag aaagaaattg      480
tagaaaaaac ccatgcagac ataacattta taccaatgag gcaaaaataa agaattgagc      540
accaaaaaaa aaa                                         553

```

<210> 8821
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (382)...(803)
 <223> similar to gi4938277 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8821
ggcgcctctt cgccgcgatg ctgcggagtc tttaccgcga cacgtgggtc ttgaggccgt      60
cctcannnnn nnnnnnnnnn nnnnnnnnna gccacagaac gtgggtgtcc acgtcctagg      120
tccacgctcc atcaaggcca aggctggaaa ccagcgggaa gggaagggga agctgaacct      180
cagggtctcc catcagggct ggagcagaca cactgcaggc aatcccagct gggtttact      240
cccagctccc tcgtgtgagc cgctgtagg cccagggtct cctccccctc tctgagcctg      300
catttcccca gctgtgttgg gtcatgtggt gcctgctggg cagggcgggt gcaggcggga      360

```

agaccaacca	tgatctgctg	ccccttcgtc	ctctcgcctt	ctccagacca	cgccatggga	420
gggagctggg	tgcggtggga	aagccccacc	ctgggagtcc	aggatctggg	ctcaagtccc	480
acatgcccc	catcgccgtg	tgccccaggt	gaggcactcc	tgcgaaagctc	tgtgcccacc	540
ctccccagcc	accctcccat	ggcactgcta	ggaaggaact	tgaggcccag	agaggctcgag	600
caccttgacc	tttgaggccc	gaggtcaagt	tgagctttcg	gccacccagc	ccaggccccc	660
tctgctcgga	cctgagcagg	gctgtgcacc	cctgcatgct	acccaggccc	tccttcccca	720
ccccacaggc	aaacctgccc	ttgctgcagc	gggagctcct	gcactgtgca	cgcttgcca	780
agcagacgcc	cgccgaattc	caccacacgg	actacgatct	cgaa		824

<210> 8822
 <211> 1228
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (786)...(33)
 <223> similar to gi2792016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8822						60
tttttttttg	agattagaca	gtgctccgtc	ggccgccgca	agacactttt	aatatccctg	120
tttcccaggc	tgtagataaa	ggggttgagc	atggaggtga	ccaccgtgta	catcactgca	180
gccactgcac	cctttctggg	ggaagatgac	acatcatctg	aactgaggta	acctccaacg	240
cctgtttccat	aaactcagca	aacaactgac	aggtgagacc	cacaggtgga	gaaggcttta	300
tacttcccac	ctgatgatga	aaccctcaga	atggaggaaa	caattttaga	gtaagagaaa	360
agggtccttg	agatgggaag	aaaaccaa	atggcagcag	ggaaatacat	gattatctta	420
ttggtgaagg	tgtcacaaca	tgcaagatgg	gggagttgag	aagggtcaca	gaagaaatta	480
ggaattttcca	catccttgaa	gcaggtcact	tgtaaggcaa	tcaagttgtg	cagctgggag	540
tctaaaagac	tgagaaaaaa	aaaaaaaaa	caacaaaact	agaaaggcac	agaaacacgg	600
gttcatgatg	gtgaatgata	tagcgggtga	cagatggcta	caaaccagtc	ataggccatc	660
acactcagga	gcatgtctct	cttccatgcc	tccaaaaatg	gcaaagagag	acatctgagt	720
caggcagcct	gcataggaga	tgactctgct	gtgagactgg	atgtccacaa	tcactctggg	780
gaccgtggtg	gaggtgaaac	cgatgtcagg	caaggacagg	ttggagagga	agaagtacat	840
gggggtgtgg	aggtgggagt	cagggctgat	ggccaggatg	atgagcaggt	tcccagcac	900
cgtgaccagg	cacatggaca	ggaacagccc	agcaaggact	ggctgcagtt	ctggatcccc	960
tgagacttct	tgtacatgct	gtagcactgc	tgacgaccg	agctataaac	cttgtccaac	1020
aactcctcct	cttgatattc	aataactggg	tttccatctt	tactgttttt	caattatagg	1080
attccgaaca	acctacaaag	tttgataaac	tgaaattata	caatgaattc	attagaccat	1140
gtttattttg	ccttagttta	aaaactttgc	acatgctaca	gcaccagaaa	cacagcttct	1200
taaagcagcc	ccaagaacga	ataaagcaaa	taggaagaac	ttgattttta	aactgcaacg	1228
aatttttatt	taattttact	tggatgca				

<210> 8823
 <211> 938
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(910)

<223> similar to gi3044086 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8823
tttttttttt ttgatttcag ggcagcctct tcctagtgtc agactgaggg agaatcaatt 60
ttggggggaga ccacatctaa tggataaaag agccacagga ttacaaaagg gtggaatagt 120
tggttacaaga aggtcacatc atcctggcac tgctcccaga accagtgggc ctcgaagccc 180
agcttggcac tctcatcctc tgggtgactca ggtggtccac cttgaagcct ctcccctggg 240
ggcttccaca cagctctcaa gctccctagc ctgggtggctg ccacatccac ctcagtctctg 300
gcccctctctc caccagctat aacttttgcc cagtccatct cggaacgtgg agccccaggt 360
gggcccctgtt catccagctc gctggggggcc actgtgtcca ggaagctgcc aatagagaca 420
ctgtccagcc ggtcgggtgt gctgggtgtct ggcaggctgt cccagctgcc tcgccttgag 480
cggcctgggc tcccgcctgt caggctatat tgactgtctg tgaggctgct gcaatgactg 540
gtcaacgtcc cccgctcctc caacagccag cgcactgcct cgatgccctc attcaaggctc 600
accagctgct gcaggatctt cacatcgatg gctcgcagg aagccagctc catcttcagc 660
gccatgatct tgtcccccaa gtcgtggccg gtgctagacg cccctgggag cagcagggcg 720
ccagagggtc ccagctcaca ctgcctcgc agcccgcgga gcagccctc aggggtcttc 780
ctgcccacct taccctccac atcccgcagg tcaggcgtct gggactccac ggtcccctcc 840
atgcggggccc aagcctgaaa agggctgggc gaccggacgc cggggaccgg ctcccggggg 900
aattccacca ctctggaata gtgaatcgaa attcaaaa 938
```

<210> 8824

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (742)...(306)

<223> similar to gi487734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8824
ggaggcagga ggatgaagag gggggaggtg actccctgga agttgatggg gtggctgcaa 60
ctccagggaa agcagaggcc accagggtcc tccaaggca gtgcccgggtg caggctgaga 120
aaagtcatgg ggtcccccctg gaggaggcca cggagaagat ggtatctatg aagccaccag 180
gtttccaggc atccctggct agagacgggc acatgtcagg cctgggcaag gctgaggcag 240
cccctccagg ccttggcgtg ccaccccacc ctccaggcac caagtccgca gcatcccacc 300
aaagtagtat gaccagcctg gagggaagcg gcattctctga gcgccttcca cagaagcctt 360
tgcaccgagg cgggtggggcc cacctggagg agacctggat ggcgtcccca gagacagaca 420
gtggctttgt gggctcagaa acaagcagag tttcaccctc caccagact ccagagcacc 480
ggctctccca catcagcaca gcaggaacat tagccagcc ctttgctgca tctgtgcccc 540
```

```

gggatggagc ttctacccc aaggccaggg gttctctgat tcccagaaga gccacagagc 600
ccagcacacc ccggagccaa gcacagaggt acctctccag cccaagtggg cctctccggc 660
agagggcacc caacttcagc ctggagcgga cactggcagc cgagatggcg gttctctggc 720
cagagtttga ggggcacaaa cggatttctg aacagcccct tccaacaag acaataagcc 780
cacccccagc ccccgccccg gcgc 804

```

```

<210> 8825
<211> 1440
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (355)...(1433)
<223> similar to gi3004655 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8825
agttcttcta gcaaaggagg ctcttcatca aaactgtcaa tgtaaggaga ttgtgaataa 60
taatctgagt tggatgctgg ctgaaaaaat tgtcctgcgt aaccgatga catgagcatc 120
tctgatggaa caaaggaggc aggetgagge tgctcaccag cttgttgtgt gaccactcca 180
ctacccggcg ccaagacgcg ctgatgtcac gacagcgtgc ggctgcaga cgtcggcaag 240
ctgcgcgcgc gcttcggggt gcttcgggat ctggtacttg ggagagctc cccgggggttc 300
attgtcttcg cttcacagga tctgtttgag tctgttccac cggatcctac ggggggtacc 360
ttcgaaaaaa aacgggctat gctgctgttg cgtgaaaaac ttgacatgtc taggtttcct 420
gttgaaaata ttagaaattt cagtattgtt gcacacgtgg atcatggcaa aagtacttta 480
getgacagge tcctagaact tacagggaca attgataaaa caaagaataa taagcagggt 540
cttgataaat tgcaagtgga acgagaaaga ggaatcactg ttaaagcaca gacagcatct 600
ctcttttaca attgtgaagg aaagcagtac cttttaaatc tcattgatac accgggccat 660
gttgatttta gttatgaagt atccagggtca ctttctgctt gccagggtgt tttacttgtg 720
gttgatgcaa atgagggaat tcaagcccaa actgtagcaa acttgtttct tgccttcgaa 780
gcacagctat cggtaattcc agctataaat aagatagatc tgaagaatgc tgatcctgaa 840
aggggtgaaa accaaattga gaaagtgttt gatattccaa gtgatgaatg tattaagatt 900
tctgctaaac ttggaacaaa tggtgagagt gttcttcagg caattattga aagaatcccc 960
cctcctaaag tgcacgcaa aaatcctctg agagctttgg tatttgactc cacctttgac 1020
cagtatagag gtgtgatagc caatgtagca ttatttgacg gagtgggttc caaaggagat 1080
aaaattgtat ctgcacatac tcaaaagaca tacgaagtta atgaagtagg agtcttgaat 1140
cctaattgagc agccaactca taaattgaat gtatcctcta gaccaatctg aatataacaa 1200
tctgaagagt gctatagaaa aactgacttt aaatgattcc agtgtgaccg ttcattggga 1260
tagtagcctt gctctgggtg ctggctggag gctaggattt cttggacttt tgcacatgga 1320
agttttcaac cagcgactgg agcaagaata taatgcttct gttattttta caaccctac 1380
tgttccatat aaagctgtac tgtcatcatc aaaattgata aaggaacata gaaaaaaaaa 1440

```

```

<210> 8826
<211> 1165
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (789)...(1146)

<223> similar to gi296670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8826
aattcgctgg caatctccca naaagtccag caatttgaaa gtcaaatcca cagaaagacc 60
atcttccata acaaaaggaa gcactttttt taggttgaca cttgcaagca ggagttccaa 120
ttattttcgc gggtatcaat ttcatgtaat tgcaatgta cccaaaagtt tcttgatttg 180
ttttaaacgg gctgaataac aatttctttt caagaagaaa aacctaaaca gaaatattca 240
caggggatgc tgaaaagggt caataatgct agtcatttca attctcacac ataaaggaaa 300
cgctgatggg ctttggttac tctccagaa cttttcctgt ggaagtcacc aacccctat 360
cttagcttct tcatcttcca acaaatttcc tgccgaacta gtggccgctc tcgcttctct 420
gctttgctct ccggaagg acacgggtca cccagatttc agcgagtttg cctcgactc 480
tgacgaaaag gaatgcattg ccagcaactt ttaagtccgc tttttaaag gcctgtggaa 540
ccaatccaga cttttccttt gcattaaagt ttttggtga gctgagacta agggggccgt 600
aggtgacatt ggaagaagtc agggcattag aggtcgcgg aatgggaggc tccgtggcca aagttggggc 660
gagaccctt gacagcaagg gagggatttg aatgggaggc tccgtggcca aagttggggc 720
cgggatccgg aataaggggc ggcttggggc tgaggggaagc tgcggggcg cggcacgggc 780
agcttactcc ggggcgacgc tcttccacgc ctcagaaaac ggggtgtccc aagctggggg 840
aaacagacca cccgcagtgt cccaaagccg gggcggggct gtaagggacg aaggactctc 900
gcggcccaga cagcgaagg cgggcccggt gtagaggagg cccggccgcc tcagctgcc 960
caagcccggg ggtctctgcc cgagacacc cctccccgg ccccgacgc tgacaccacc 1020
accgccctca ggcagtcaca tctcccgagc tccgccgagg gaccagccg cccccgccg 1080
gtaggggccc tggacagcgg aggggtcct cagccgcagg acccggaac cggctccggc 1140
tccagcgtg ctcaggcaca gacac 1165
```

<210> 8827

<211> 2112

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1170)...(574)

<223> similar to gi930259 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8827

gatataactta	ttttttttta	ctgtgtaact	tttttttcca	atthagagaa	ccacatcctc	60
atccatgctg	cttactatca	atagtggcac	aagtgtcaaa	ttttaagggt	acatttttgg	120
ggacccctct	ttcttctgtt	ctagctatta	cctttcttgt	gtcacctaga	aaaggaccag	180
tccttaattg	tattttaaaa	actgtgatca	tgggaggctt	aaaatgggtc	ataacacgca	240
tcaagttggt	tatttcctgg	gctacatacc	ttggatagaa	tagcattata	caaacaagtt	300
tcttttagag	tcctggtaga	cttataataa	ccataaaaata	ataggactgt	agcaatcttt	360
tgctctacct	cagtgaactg	atgtatatac	tggaaacagt	tctcaatctg	aggaagggtca	420
gttgaagtcc	ttactgtaca	agtccaaatt	ttaaggaaaa	tgagtcccgc	aatgagtttc	480
ctcatgcttc	gcctgtgcgt	ggaccagtca	gcttctgggt	gtgactggag	cagggcctgt	540
ctccttcttc	agagtcactt	tgcaggggtt	ggcaaagccg	ctcccatcca	cgtacagctc	600
ccagtctact	gatgtttaag	gggtgtctcg	gaggttaggc	ctactagaat	aaactgagtc	660
cagcacctct	aaacagttat	gtttaactgg	gctctctgtt	accaggagta	aggtggctgg	720
gttaggggtg	tggaaacttc	aatgggtttg	tggggatttt	cacagagcaa	ggtttggtat	780
ctagttagtc	tagcatttat	tagctaataa	tgtcctttgg	tatttattaa	agtcaccacc	840
agcatgggga	gactttctgt	ttagggtttg	cctaagagtt	agctcatctg	cttcttggtc	900
taacagggca	gttgctgcc	gggcccttgg	acatgggggc	cagcctttgg	aaaccccgtc	960
tagttgtttt	gagagatagg	cccctggcct	tgaccagggc	cctacagtct	gggttaaaac	1020
tccaactgtc	attttttctc	ttcttgacac	atggagtgtg	aagagttttg	tcagggtcagg	1080
tagccccagg	gctggggccg	acatgagttt	ttctttttta	ctcatgaaaa	gctcgttgct	1140
gttggttgta	atagatgtag	tttatctaat	ttacattttt	attgactgtc	atctacaaaa	1200
atattgactt	cagtcctgta	actatttgat	ttcaagcttt	aaattgatct	ggtattcctt	1260
gcggggctcc	aattgcattt	aaatatatac	gagagttgaa	agaccataa	ggggcttctc	1320
tccctttatg	atgtcttatt	ttttttttcc	tctggttgat	gaaatgccag	ggtgaaaggg	1380
atagccaaat	ggactaaagc	acaagtgcc	ctctagttat	tcagcagagt	gcccagtaaa	1440
ggtccaccac	aataccacca	cgcacccgct	cggggatgaa	caagggctga	ctgattgata	1500
agctcttgaa	aattcttaag	ctcactgcac	cccttcaggt	ctccaaggaa	tgctaagttt	1560
tctccctgtt	gttagagaca	tgaagtgaac	ttagtgttcg	ggagatggaa	gctggatggc	1620
cctcgggggc	tgactcgcag	ggtgccagac	ttcaggatat	agcaggagag	agcttggcat	1680
cgacttatta	ctccaggcta	tagaatcctg	gaaaagagct	accatgcagc	ccacacctgg	1740
tgcactggag	gaccacacct	agtggaaagg	ggacattctg	agcctctgcc	ctgccatgtg	1800
cacaagcata	acaattgctt	ttgtttaacg	tgcagatgga	atatttgatc	catttcatcc	1860
aggcatttgc	atcttgggtat	cctgtcttaa	ttgccaaagt	ttgttttaag	tctttaactt	1920
ctatgatcct	ttagtaaaat	gaatgcttcc	tttagcacct	atttttgtta	gttttttagac	1980
caaagaaagc	taaacaccat	tttatattta	ataatgcttc	ttgtatgatt	tttataccag	2040
agaagctaaa	ttttatcttt	atattagtgt	gttattaatg	ttaaacttaa	ttttaataaa	2100
accttgtaga	ca					2112

<210> 8828

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(999)

<223> similar to gi3650328 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8828

gacattcgtg accatcatta cgcctagctt ggcacgaggc cgggactagg ttgcggggaga

60

aagcctgttg	cgtggaagat	aaggcggcgc	gggaagtgga	cacaggggtgg	gctggagatc	120
taactggact	ctcgtcctg	ctggctggac	atggaggatt	tggaggaaga	tgtaaggttt	180
attgtggatg	agaccttgga	ctttgggggg	ctgtcaccat	ctgacagccg	tgaggaggaa	240
gacataacag	tgttggtgac	tccagagaaa	ccacttcgac	ggggcctctc	ccaccgaagt	300
gacccaaatg	cagtggcacc	tgccccccag	ggtgtgaggc	tcagcctagg	ccccctcagt	360
ccagagaagc	tggaggagat	cctcgatgag	gccaaaccggc	tggccgctca	gctggagcag	420
tgtgccctgc	aggatcggga	gagcgcaggc	gagggcctgg	ggcctcgccg	agtgaagccc	480
agtcctcggc	gggagaccct	tgtgctgaag	gatagtcctg	tccgagacct	gctgcccact	540
gtgaactctt	tgacgcggag	caccccctcc	ccaagcagcc	tgacgcctcg	actccggagt	600
aatgatagga	aggggtcagt	cagggctctc	cgggctacat	ctggaaagag	gccctccaac	660
atgaagaggg	agtcaccac	ttgcaatctg	ttccctgcat	ccaaaagccc	agcatcttct	720
cctcttacc	gategactcc	cccagtccgg	gggagagccg	ggcccagtgg	gagagcagca	780
gccagtgagg	agaccagagc	agccaagtgt	cggggagcag	ctgctaaatc	ttcctgtcaa	840
ctgcccattc	cctcggccat	ccccaggcct	gccagccgaa	tgccactcac	cagccggagt	900
gtgccacctg	gcagaggtgc	cctacctccg	gattctctgt	caactcgaaa	agggcttcca	960
agaccaagca	ctgcaggaca	cagagtgcgg	gaaagtggac	acaaggttcc	tgtttcccag	1020
cgactaaatc	ttcctgtcat	gggtgccact	cgcagcaatc	tgcagccccc	cag	1073

<210> 8829

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (388)...(816)

<223> similar to gi182220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8829

cccacgcgtc	cgggaaatac	aaatgagtaa	gagtagccaa	aacagtaagt	tactcatccc	60
agtattaaga	ctgtgcagct	acagtgatga	gagtgtagt	ctggtaagag	gactggcacg	120
caggccagt	gggtggaatg	gagcccggaa	agtgaaccac	aaacttttgg	ttcacagagg	180
taccaggata	attcaagggg	gaggaattgt	cttatctaca	ggtggttctg	gcaacagagt	240
attcacagga	aaaatggtga	acgttaaccc	ttgcatcata	tgcaaaaaat	tatttgaaac	300
aggtcataag	aactaaaacc	atcaaaactt	taggagaaaa	tacagggaaa	aatctctgtg	360
gccttgacca	tgcaaaaatt	tcttgggaca	caaaaagcat	gagccacaaa	agaaaaacgtt	420
gataggtggg	atctcatcaa	aatttcaaac	tctctttctt	tgaaagacag	ttaagaaaat	480
aaaaaggcaa	gccacgccct	ccaaaaatac	atgcagtaca	tatacaggac	aaaggactta	540
tttctagaac	ctgnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
acagggtatc	attatttatc	agggacatgc	aaattcaccc	atgagctacc	tgaacatact	720
tgctagaatg	gttaaaatga	agaagagaca	gtcttcattg	ttgataagga	tatggagcag	780
ttgaaacgct	cacacgttat	tgataggaat	gtaaaa			816

<210> 8830
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (790)...(834)
 <223> similar to gi4150963 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8830
ttttttctcc aacgaagtct tatatatttac cattctgcgt gtattagaaa gctaaattta      60
aacagcaaca ataagaaatc ttccccagtg gatccctcga gcctttcggg aaaatgcagg      120
tttctggctg acaggaagaa gaaacagcat ccaatcggca cttgtgtctc aatgaccaat      180
caaatttcgc cttacattgc atcgtctggga taaacggagc tggacgactc agtctcttgg      240
tctgtggctg ctgcgggttac ctggatgggc gagcacctct gaggctggct ttgttacctg      300
ggcaataagg gactagcagt tcagccgttt tctatgcctg ctggatttgt ttgtatttgt      360
tcccagccac tgctcatgta atgtactccc ttaaccagga aattaaagca ttctcccgga      420
ataatctcag gaagcaatgc accaggggtga caacgctaac tggaaagaaa attatagaaa      480
catggaaaaga tgccagaatt catgttgttg aagaagtaga gccgagcagt gggggtggtt      540
tggtttatgt gcaggacctt agctcggacc tgcaagttgg cgttattaag ccatggttgc      600
tcctagggtc acaagatgct gctcatgatt tggatacact gaaaaagaat aaggtgactc      660
atattcttaa tgttgcatat ggagttgaaa atgctttcct cagtgacttt acatataaga      720
gcatttctat attggatctg cctgaaacca acatcctgtc ttattttcca gaatgttttg      780
aatttattga agaagcaaaa agaaaagatg gagtgggttct tgttcattgt aatgcag      837

```

<210> 8831
 <211> 3062
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (593)...(2797)
 <223> similar to gi2281588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8831
aaccctgaga cactttacag ccctagaacc taaaagggtca aaaggccatc ttattctcaa      60
aatacatttt attagccaat ctgctcccga cattaaataa aactccaaaa attagattcc      120
ggccctcaaa ccccacaaca ggatttaatt aacctcgcct tcaagggtga caataataga      180
gtagaggcag ccaagtagca acatatttct gagttgcaat tcctccttgc ctccactgtg      240

```

agacaaaccc	cagccacatc	tccagcacac	aagaacttcc	aaacgcctga	actgcagcgg	300
ccaggcggtt	cctccagaac	ctcctcccc	aggagcttgc	tacatgtgcc	agaaatctgg	360
ccactggggc	aaggaatgcc	cgcagcccag	gattcctcct	aagccgtgtc	ccatctgtgt	420
gggacccccc	tgaaaatcgg	actgttcaac	tcacctggca	gccattccca	gagccccctg	480
aactctggcc	caaggtctct	tgactgactc	cttcccagat	cttctcggct	tagcggtctga	540
agactgacac	tgcccgatcg	cctcggaagc	cccctagacc	atcacggacg	ccgagcttcg	600
ggtaactctc	acagtggaag	gtaagcccgt	ccccttctta	atcaatacag	aggctactca	660
ctccacatta	ccctcttttc	aagggcctct	ttcccttgcc	tccataactg	ttgtgggtat	720
tgatggccag	gcttctaaac	ctcttaaaac	ttcccaactc	tggtgccaac	ttagacaata	780
ctcttttaag	cactcctttt	tagttatccc	cacctgcccc	gttcccttat	taggctgaga	840
cactttaact	aaattatctg	cttccctgac	tattcctgga	ttacagctac	atctcattgc	900
tgcccttctt	cccagtccaa	agcctccttt	gogtctcctt	cttatattcc	cccaccttaa	960
cccacaaata	taagatacct	ctactccctc	cttgggtgacc	gatcatgcat	cccttaccat	1020
ctcattaaaa	cctaaccact	tttaccctga	ttaatgccaa	tatcccatcc	cacagcatgc	1080
tttgaaaggg	ttaaagcctg	ttatcacttg	cctgctacag	catggccttt	taaagcctat	1140
aaactctcct	taaaattccc	ccattttacc	tgctctgaaa	ccagacaagc	cttacaagtt	1200
agttcaggat	ctgcatctta	tcaaccaa	tgttttgcct	ttccacccca	tggtgccaaa	1260
cccataatac	ctcatatcct	cagtacctgc	ctctacaacc	cattattctg	ttctagatct	1320
caaacttgct	ttctttacta	ttcctttgca	cccttcaccc	cagcctttct	tcgctttcac	1380
ttggactgac	cctgacaccc	atcaagctca	gcaaattacc	taggctgtac	tgctgcaaag	1440
cttcacagac	agccccatt	acttcaatca	agcccaaatt	tcacctcat	ctgttaccta	1500
tctcggcata	attctcataa	aaacacacgt	gctctccctg	ccaatcgtgt	ctgactgac	1560
tctcaaacc	cagcaccttc	tacaaaacaa	caactccttt	ccttcctagg	catgggttagc	1620
gtggctcagaa	ttcttacaca	agagccagga	ccacaccctg	tagcctttct	gtgcaaacaa	1680
tttgacctta	ctgttttagc	ctagccctca	tgtctgcatg	cagcggctgc	cactgcttta	1740
atacttttag	aggccctcaa	aatcacaaac	tatgctcaac	tcactctcta	cagttctcat	1800
aacttccaaa	atctattttc	ttctcctac	ctgacgcata	tactttctgc	ttccccgctc	1860
cttcagctat	actcactctt	tggtgagctc	cccacaatta	ccattgttcc	tggtccagac	1920
ttcaatccgg	cctcccacat	tatacctgat	accacacctg	accccatga	ctgtatctct	1980
cggatccacc	tgacattcac	cccatttccc	catatttctt	tctttctgt	tcctcacctt	2040
gatcacgctt	gatttattga	tggtcggttc	accaggccta	atcgccacac	accagcaaag	2100
gcaggctatg	ctatagtaca	agccactagc	cgcctcttta	gaacctctca	tttcccttcc	2160
atcgtggaaa	tctatcctca	aggaaataac	ttctcagtgt	tccatctgct	attctactac	2220
tcctcaagga	ttattcaggc	cccttccctt	ccccacacat	caagcttgaa	gatttgcccc	2280
caccacagga	ctggcaaatt	agctttacct	caacaatgcc	ctgaggctcag	gaaactaaaa	2340
tacctcttag	tctaaataga	cactttcact	ggataggtag	aggcctttcc	tgccagggtct	2400
gagaaggcca	ccgcagtcac	ttcttccatt	ctgtcagaca	taattcctca	gtttagcctt	2460
cccacctcaa	tacagtctga	taacagacga	gcctttatta	gtcaaatacag	ccaagcagtt	2520
tttcaggctc	ttagtattct	gtgaaacctt	tatatccctt	acggctctcc	atcttcaaga	2580
aaagtagaat	ggactaaagg	tcttttaaaa	acacacctca	ccaagctcag	ccaccaactt	2640
aaaaaggact	ggacaatact	tttaccactt	tcccttctca	gaattcaggc	ctgtcctcgg	2700
aatgctacag	ggtacagccc	atttaagctc	ctgtatagat	gctccttttt	attaggcccc	2760
agtctcattc	cagacaccag	accaacttag	actgtgcccc	aaaaaacttg	tcacccctac	2820
tatcttctgt	ctagtcatac	tcctattcac	cgttctcaac	tactcataca	tgccctgctc	2880
ttgtttacac	tgccgggtta	cactgtttct	ccaagccatc	acagctgata	tctcctgggtg	2940
ctatcccca	actgccactc	ttaactcttg	aagtaaataa	ataatctttg	ttggcaggac	3000
tatgctgaac	ctccttaggc	actctcta	cagatattct	gagtcgtccc	aattcttaga	3060
ca						3062

<210> 8832
 <211> 1544
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (822)...(1485)
<223> similar to gil778210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8832
tttttttttt gacttctgaa cacatttatt tgatatgtca agtggagaga ggagtgattt 60
agggtttctc cccacttcta cctgtggggg tggtcataag ctcagacaga cagaagagca 120
gcttagagcc catgaccac cccctgggaa aatgagacaa tctgtttag ttgttgagg 180
aacagggtgg gaataaaaag caggaagtgg agaagtgaag ttgagagcag taaagacagc 240
agcagaactg aggctggggg ttgctgcagg aacccccaa agagtgaaa aagatatact 300
gaaaagtggg tgggggttaga agcagggtgt gaataaggag ccaggcctgg agaaagaagc 360
aagacctgca gaatgggctg ggatgtccac ggagagagtg tgcaaaatca tgataggctg 420
tgtttcaggg catacatgga aagcaaggga ttgcttctgc aggagggcaa agacatcgga 480
gactgcccac aagtaagggt tccctactgc ttctgaacaa atgcaagaga gtttgggacc 540
ctagccctgt gtgtttattg atatgctgtg cctgtaggta cacaagtaat cccatatgca 600
tgtgaaatga ccagggcatg aatacatgtg tgtatatacc cagtaaatag agtacttatt 660
ctttcttgct aataagagta ctgtgcttat ggacacatgt ttaaccatgt gtgggtgcac 720
tgtgcacca tgagcacatg caagagatcc ctttgttctg ggtgtgtgtg taagctgggt 780
ctcccaccta tcccattaag gtcctaatac ccacctctc tggctcctc cactcctctc 840
agcgccctgg ctccccaggg ccacctagac tctggaagcc cccagcagg cggatctgct 900
cagtctgcat ggagtggcgt ctaccaat tgcgcttggt cctgggagag cctggcgccc 960
cggcataagg aggggcaggc aacgaaggcg cccgacctcc ggggtgtggg cgaatgtcag 1020
ggatgggagg gtggggactg acgttgagag ggggtaggaa acccgccgc gtttgcgaga 1080
tgtgttccag gagcaacgtc cccgagcccc tccgctccag cagccccgga ctccgctctc 1140
ttccgcttag cggagatact gcccctggca gactctctg ggactggcgc ggagagggag 1200
ccgagccggc tggaggaggg gtcaacgggg aggcgtgtg tccggcgccg tccagggaca 1260
ggcggctgga ctcaggcgag tcagggcaaa ggtgtccagg ggtgtccagc tccactggct 1320
ccatgcggct cagtttctgc ctcagccctg aagggggacc agactcctga gcttctgggt 1380
ctgtgtttcg gcgagagaga ggacccccgc tagtcacttt ctccgcccac gggggcgggt 1440
cctcagggcc ttcgggtgctg tgacgtcggg aaagacgggg tcgaccgggtc agggtcaggc 1500
cattgaattc ggcagtcaag cgctcgtgc aagctggcgt atct 1544

```

```

<210> 8833
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (461)...(765)
<223> similar to gi9451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 8833
tttttttttt ttcacagcgg tttcaggctt tattaacaaa cgggtgtaaaa aaccagacgg      60
atctggagga agggacaggg ctgcccgtct cagctctcaa ccttcccaga gaggggccag      120
gcctggcagc cctgtgcgtc gcgcctccta agcagtcaac cttgtcccct ccaaggacag      180
gcatctgacc caatccaggt cccagggagg cggagtcgca aaccctaact ctgggggtgta      240
ttctgctcgg cctcctctcc ccctccccag atagctctcc cagcctgggg cacggacagc      300
acagactttg cagacatcac ccggggaggt ttctcagtgc agacaggagc tgaggtaggg      360
gttggagagg ctgacctcga gagggccccg agggccagga aggaaaagga gtcattccac      420
tctgagaagc tcaaacacaa cagacttcac actgctgacg ggtggacaga ggccaggctc      480
ctccctcgg caggcctctg tttctgggcc cagggtggtt gaggactcac tgagggagag      540
caggtaaaag aaccgcgaga cagtaggcga tcatcaggtg ctggcgcccc tccctcctcc      600
cctgccttgg ctgtcagtct gtagcttcac aggtctttgc tgaattccct caccagcgtg      660
tagcccaggc agccccagcc ccctcggcg tggtagccac agccctccgg acgcgtgggt      720
cgacccgnnn gncngccga tgcgatgatc caaaannnt gcccc      765

```

<210> 8834

<211> 943

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (483)...(46)

<223> similar to gi6015448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8834
ccgaggggatg agccggcagt gggcagggga ccacgcacct ggttgaaggg actgggagcc      60
cgcactgggg aactgccgga cgcaggccct cgggcaggag catctggcag agtggggggc      120
gtggcaggca ccctcctttg cagggcgagg tggggcctct gcagccatcc tggacaggcc      180
ggggtggcgg cagcttttgc cacgtggaag cggggtgggt ctacttgcg tgggtggccc      240
tggccccatc ttgcctgctg cggcctgggg agcaggcgct ggggtggtggt tctgctgct      300
tgctgctcgt tccccgggca tgcgtgggca gcggggggca tgcgtgggca gcagggggcg      360
tgggcagcgg gggcatgggc aggaccagt gggcctgat cgtgggttgc cgagaggacc      420
tgagcgctgc ggctctgctg aatggagccg ggtccctcag gccgtggacg ccctcgggag      480
gggggtgact gtggcttgtg tctggacagg aatgtgtcat ttcccacatc ttctagaggg      540
ctgccagctg ggaagacagt tatcagggca agctgtgctc tgagtttcgg gttctgctcc      600
tacaaagaac gtgcggtgct gcgggcgagg gccccggcac ggacaagggc cactgcagag      660
tgtgtttctg ctgcgcagct gccctgggca gcggatgggc tgggcgatgc agctggatgc      720
acatctcatt ctgtcatgaa tgtccagtaa aaatctgaat tggttgcaaa aaaaaaaaag      780
ggggggggccc tttttaaaga atccttgggg ggcccaaatt ttacgggggc tggggaggta      840
ttattttttt ccttatgggg agcctattat aaacctacc tgggattttt ggaaaggaac      900
ctttctttgt ggggggggac ataatggacc aacctcccta caa      943

```

<210> 8835
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (271)...(664)
 <223> similar to gi1545805 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8835									
tttattttatt	acacagccag	attacttgac	tccttatggt	tgaagtcccc	agtttagatt				60
ggttattaag	taagcattca	ttagattttc	aattatttat	aaaagctaaa	tataaagaac				120
cacaaactat	ttcaacaagt	taatacagcc	aaagcatata	gataaatata	tgaaacaata				180
cagttaaatac	atgagaccaa	aaattcagtc	tttcatcagt	ctggaaataa	acaaatattt				240
tgtgtgtgat	tgtttctgaa	actgcagaca	ggatttttta	attcttaact	cctactgtgt				300
tcagtacatt	attcagaaga	ttagccagga	acagaaaatg	tgcaatttaa	tttccttag				360
gttcaaggta	taagctaaac	agagtctttc	cctgccc aaa	ttatcaagtt	ggctgtgttt				420
cactggatag	gagatgggac	agtgggaatc	ttgtttggtc	attgatgggc	gtcattattt				480
agatgggtgag	gcatttggtc	accttgaaag	ncatctttac	tcctgtttac	cctcacttta				540
ttgaatttct	ttactttgac	tttcagagct	ctgggcagaa	atcacatatt	attttgagg				600
actttgttat	tttattcaag	ttaaagtata	gggtttcccc	aaattgaaaa	ccagagtagc				660
ctatgatcat	tcctgtggg	attctttaac	tgtaaggca	aaaaaaaaatg	cagttgcact				720

<210> 8836
 <211> 1806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1807)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (58)...(1806)
 <223> similar to gi2429362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8836
gattgcgccc tgggaccctg agaccgncga anttcannng antagggggg cggagcggtt      60
ccgcccattcc ccgaccaggc ctgggatggc tccaccgcg ctggctccaa aataacgagg      120
gggcggggcc cgggcggtgg gagcgctga ggggcaggag tccagtgttt tagccttcga      180
aggaccatgg tgcctccacg tcatcggtt gtggcgctcc cggctatggc agtaccgtag      240
tttctctctc ttctgcctgc ggtgaccatt gggctgtagg gtgccccgag gcctccctgg      300
ccccctcacg ccggcagaat ggcctcagcc cgagggggcca agcagtcttc gccccgggtg      360
gggaccaccc gctacacaga gacgtccacg gtccgcgtgg agacctcgtc ccaccgctg      420
gagacgtcgt ccggcggggt ggagacctcc cagcgccgca gcgagggggc ctccctctcc      480
ccctcgggga agcggctccc tcgcatcctc gaggcgtcct cccggcacgt ggaatcctcc      540
tcgcagcgca cggaaacgac ctcccgccac gtcagagcct cgtccctgag ggtggagacg      600
tctctgcact gcgcggagag cccgaccccg cgggccaagc cggccgcccg ccagaacgaa      660
aaaacggccc gatgagatgc tgcttcccaa aggccacca ggggccaggg ccctcagcca      720
ggacagaaag gcctccagtt gccagccagc cagccagctg ccagggtggac caatcatttt      780
cggtttcatg gaaacaaacc ataatcaat gtaagaaaca gccaagccgc agtttctgaa      840
cacagccaac gtttactgac cgtcctgcgt cttggaccag cctacttttg acccagttaa      900
ctattttcac ttgaagccag cacagaaggt tttcaggccc aggatgctgt ctaaactcggg      960
ttgatggaca aagagaggct gtttgagcct ctgagccagg tgagtttggg atccacagcc      1020
ctcagaaaac cttcaccctc taggaacaga gaccaaactg aaataatgac ctgtggaatg      1080
attccatgcc tgctaaaaac tcgaggggca aggaacagac tcataaatta ttaattggcc      1140
tttgtttatg tttcaaagta aatggtcgtt ttctttatgc taagtctttg tacctggcac      1200
ccccatccat acactttttt aaggtaggtt agatgtggtt aaaaatgaca gtaaaccac      1260
cagcaagcaa aaataatctt agaaagttag aggaggtcac tgaaacctgg cctgaggttt      1320
gaagaagatg gagaagagtt atattttatt agaaccggct ctgtgccagg cactagatgt      1380
tcctccactt acgatggggt tacctcccggt tgaactatt gtaagttgaa aatatggtaa      1440
tttgaaaatg cacttaatac ccctaaccta ctaaactca tggcttagcc tagcctacct      1500
taaacatgct cagaacacct aaagttgagc aaaatcatct aacagaaagc ctgttttata      1560
ataaaatggt gaatatctca tgtaatttat tgcatactgt actaaaagtg aaaaagaatg      1620
gttgtaagag tacttaaagt actattttta ctgaatgtca cttttgtacc attgtaaagt      1680
cgaaaaatca taagtcaaac catcttaagt tgggaactgt ctgtattttg ggaacttggg      1740
ctatagcagt aaaaaaggca aagtcccagc tctagtggag cttacacttt ggtgaaaaaa      1806
aaaaaa

```

```

<210> 8837
<211> 1533
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (573)...(968)
<223> similar to gi5002521 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8837
attagtccag tgcgggtggaa ttcggaagag aaagggtctg ttgtttttct ctctgttttc      60
tcgtccctc tctgctgac acaaagctgc tgaccgggtc agaaagtcct gatggaaatc      120
caccagcgct gggcaggccc ctctcctcc agggagcttg tccttgccca atttttcttc      180
gtcctgatga gaacaaaaaa gagagagaga agaaaagaaa aaccacaaac ttcctttgaa      240

```

aaccagcttg	tagtcagggc	cggagcgca	tgccatagac	tcggcgactc	aggaatcctg	300
aagactctct	gagcgacctg	gagcaccttg	gctgtgtccc	tgctgcctt	caccctcctc	360
cagtgccttc	agtactgggc	gtgagtcagg	aagtggccac	aaccagcct	ggaccgtcgc	420
ttataaagct	gtgtaaacct	gtataagctc	aggcggtgac	agctggaagg	cagctggcac	480
tgccagcccc	cttcattgca	cctatctccc	ccatctcatt	gccacggctg	aaccctcctt	540
ctcaatcttg	gaacagcacc	cccttcttta	aggtgaagct	ccccccgcag	aaggaagtga	600
tcacatcgga	tgagctcatg	gcccattctt	gaaactgcct	cctgtccatc	aagccccagg	660
agaagtcaga	gggacttcag	cttaattttc	agcagaatgt	ggatgatgca	atgacagtgc	720
tgccataaact	ggccacagggt	ctggatgtca	atgtgcgatt	cacaggcgtc	tctgattttg	780
agtatacacc	cgagtgcagt	gtctttgacc	tgctaggcat	acctctgtac	catggctggc	840
ttgttgatcc	acagcagagt	cctgaggctg	tgctgacagt	tggaagactg	agttacaacc	900
agctgggtgga	gaggatcatc	acctgcaaac	actccagtga	caccaacctc	gtgacagaaa	960
gcctgattgc	agagcagttc	ctggagacca	ccgcggccca	tctgacctac	cacggactgt	1020
gtgagctgac	agcagctgct	aaggagggtg	aacttagcgt	ctttttccga	aacaaccact	1080
ttagcaccat	gactaagcat	aagagtcact	tatacctact	ggtcactgac	cagggctttc	1140
tacaggagga	gcaagtcgta	tggaagagcc	tgcaaatgt	ggatggagac	agctgctttt	1200
gtgactctga	ctttcacctg	agtcattccc	tggaagagg	gcctggagca	gaaggtggga	1260
gtggctcccc	agaaaagcag	ctgcaggtag	accaggacta	cctgattgct	ctgtccctgc	1320
agcagcaaca	gccacgaggc	ccgctggggc	ttaccgactt	ggagctggcc	cagcagcttc	1380
agcaagagga	gtatcaacag	cagcaggcag	cgcagccagt	gcggatgcgg	acgcgggtcc	1440
tgctactgca	ggggagagga	gccacatctg	gacgcccagc	cggggagcgt	cggcagaggg	1500
cgaagcacga	gtcagactgc	attctgctgt	agc			1533

<210> 8838

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (464)...(1210)

<223> similar to gil60182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

actcgtgccg	tggaattcct	gcattaaaga	aaaagctcct	ggaggactcc	tgaagcctga	60
ggcagccttg	gggcagcagt	ggctcatggt	ttacattgga	aagacggtgc	ctcccatcat	120
tctagcccct	cactgcctgg	ggagctggag	gcttaaattg	ctgagaggag	tgaggtgttg	180
aagaattgcc	tgcatccag	ggatggagcg	tggtggaaga	ccaactcagt	gcctcacagg	240
ggtaattgag	tcatgagggg	tggaagaagag	ggcgagagg	agagaggata	aatagcagcg	300
tggtctccct	ggctcctctc	tgcatccttc	ccgaccttcc	cagcaatatg	catcttgac	360
gtctggctcg	ctcctgctcc	ctccttctgc	tactgggggc	cctgtctgga	tgggcgccca	420
gcgatgacct	cattgagaag	gtcattgaag	ggatcaaccg	agggctgagc	aatgcagaga	480
gagaggtggg	caaggccctg	gatggcatca	acagtggat	cacgcatgcc	ggaagggaag	540
tggaagaagg	tttcaacgga	cttagcaaca	tggggagcca	caccggcaag	gagttggaca	600
aaggcgtcca	ggggtcaaac	cacggcatgg	acaaggttgc	ccatgagatc	aaccatggta	660
ttggacaagc	aggaaaggaa	gcagagaagc	ttggccatgg	ggtcaacaac	gctgctggac	720
aggccgggaa	ggaagcagac	aaagcgggtc	aagggttcca	cactgggggc	caccaggctg	780
ggaaggaagc	agagaaactt	ggccaagggg	tcaacctatg	tgctgaccag	gctggaaagg	840
aagtggagaa	gcttggccaa	ggtgccccacc	atgctgctgg	ccaggccggg	aaggagctgc	900

agaatgctca	taatggggtc	aaccaagcca	gcaaggaggc	caaccagctg	ctgaatggca	960
accatcaaag	eggatcttcc	agccatcaag	gagggggccac	aaccacgccg	ttagcctctg	1020
gggcctcggg	caacacgcct	ttcatcaacc	ttcccgcctt	gtggaggagc	gtcgccaaca	1080
tcatgcccta	aactggcatc	cggccttgct	gggagaataa	tgtcgccgtt	gtcacatcag	1140
ctgacatgac	ctggaggggt	tgggggtggg	ggacaggttt	ctgaaatccc	tgaagggggt	1200
tgtactggga	tttgtgaata	aacttgatac	actaaaaaaaa	aaaaaaaggg	ggggccgttt	1260
taaaggatcc	aagtttactt	ccccgggcat	gcgaggttat	agttttttta	tagggccacg	1320

<210> 8839

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1460)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (341)...(1430)

<223> similar to gi2982501 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8839						
tttcgtacag	aggggaaggag	gtggctccta	tcagatgaca	gacacttctc	aaaagacagc	60
ttttcttcc	ggagaacaga	ctttttcagc	aggattttcc	tttcagtga	acataatttg	120
gcttgaaag	aaccacagga	aaagtgtcca	ggtgtgagca	tgagcgggta	gaggtgtgcc	180
ctgttttgct	tcaggtgtgc	tgcttttcgc	ccctgactgt	tttttctgtt	tctggccatg	240
gaggaagaga	aagatgacaa	gcccacaggc	tgacttctgc	ctgggacaccg	ccctgcactc	300
ttggggactg	tggttcacgg	aggaagggtc	accgtccacc	atgctgacgg	ggattgcagt	360
tggagccctc	ctggccctgg	ccttggttgg	tgctctcatc	cttttcatgt	tcagaaggct	420
tagacaattt	cgacaagcac	agccactcc	tcagtaccgg	ttccggaaga	gagacaaagt	480
gatgttttac	ggccggaaga	tcagtaggaa	ggtgaccaca	ctccccaaca	cccttgtgga	540
gaacactgcc	ctgccccggc	agcggggccag	gaagaggacc	aaggtgctgt	ctttggccaa	600
gaggattctg	cgtttcaaga	aggaataccc	ggccctgcag	cccaaggagc	ccccgccctc	660
cctgctggag	gccgacctca	cggagtttga	cgtgaagaat	tctcacctgc	catcggaagt	720
tctgtacatg	ctgaaaaacg	ttcgggtcct	gggccacttt	gagaagccgc	tgttcctgga	780
gcttttgaaa	cacatcgtct	ttgtgcagct	gcaggaaggg	gagcacgtct	tccagcccag	840
ggagccggac	cccagcatct	gtgtggtgca	ggacggggcg	ctggaggtct	gcattccagga	900
cactgaccgg	caccgaggtg	gtggtgaaag	aggttctggc	gggagacagc	gtccacagcc	960
tgctcagcat	cctggacatc	atcaccggcc	atgctgcacc	ttacaaaacg	gtctccgtcc	1020
gcgcggccat	cccgccacc	atcctccggc	ttccagctgc	ggcttttcat	ggagtttttg	1080
agaaatatcc	ggaaactctg	gtgagggtgg	tgcagatcat	catggtgcgg	ctgcagaggg	1140
tgacctttct	ggctctgcac	aactacctcg	gcctgaccac	agagctcttc	aacgctgaga	1200
gccaggccat	ccctctcgtg	tctgtagcca	gtgtggctgc	cgggaaggcc	aagaagcagg	1260
tgttctatgg	cgaagaagag	cggcttaaaa	agccaccgcg	gctccaggag	tcctgtgact	1320
caggtactgt	cctgcaccaa	ggagggcaat	gtccagcccc	agagtccggg	ggatcctgct	1380
cccactgcct	caggtcaccc	caggtcatct	tgcacatgcc	tgaggccacc	acacacatnc	1440
cnnggtcacc	tcacacggg					1459

<210> 8840
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (340)...(793)
 <223> similar to gi4432833 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8840
gaccaaaggg ctggtcatga tctgctccag aaggggagta agaatttcgt tctccatttt      60
acagagtatg tatttgaaaa aaggatctcc cccaaaaata cgcctaggga attggtcact      120
aaacgtggaa gtaagtagaa atcaatgaaa gtccatttcg gcaagggaga aaaatcccat      180
cgtggaggag gggggcactc tccctcctca aaaaacaccc cagagtgaaa cgagccgaaa      240
tcccaagaag tggcttcgac gacggacacc acgagcagca gcctgcgctg gaaatgtctg      300
taccgggcca ggaggggcag agaaaaggca tctggaggag gaggaaggga aagggggctg      360
gaacccaaga caaaaagccc gtcaagggtg tccagctcct ggaggatcca gaccagcgaa      420
actgctccca atgaatcaat cccagcgggg gctaaatgaa atacgttaaa cagagaccac      480
gttaaggata ccgaggcgcc accagactcg acctcggcgt tccgacctct acacgttcca      540
cccaccgatg ggcattggagc cgctttcgac ccgcggagcc tccactgccc gcagcccctc      600
agtaccaaca ggcagggctc gccccttccc cccgagcaga caccattcct ccgccgcctc      660
caagcctcgc ctccagcccc cttccctccc cgggggtggg ggcttgaatg tgtgtcccta      720
acccccagc ttcctaagcc ctgccagcct ttcagcgcgt ctctgggaat ccctggcaca      780
aatcaccgc cgcgctccag ccttacgaaa      810

```

<210> 8841
 <211> 962
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(963)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (233)...(861)
 <223> similar to gi912755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8841
atggggaaat gagcctccgn ctttcacnnn ctcnngnttg aancccgggc gggatttgtg 60
ggctctnnnc tttttcctgt atttcccggt cgggggagta ggttgaagtc tcctaagatg 120
cccgggtgggc tgcgggcacc gggagctgtg aagggaaagt gagggggcgg cgtagtggag 180
accacggca ggcctgaaga agagcggcgg ccgagccgc cttccctgca ccatgctcat 240
agaggatgtg gatgccctca agtcctggct ggccaagtta ctggagccga tatgtgatgc 300
tgatccttca gccttagcca actatgttgt agcactggtc aagaaggaca aacctgagaa 360
agaattaaaa gccttttgtg ctgatcaact tgatgtcttt ttacaaaaag aaacttcagg 420
ttttgtggac aaactatattg aaagtctcta tactaagaac taccttccac ttttgaacc 480
agtaaaagcc tgagccaaaa ccactagttc caagaaaaag aagaaattaa agaagaggta 540
tttcaggagc cagcagagga agaacgagat ggcagaaaaa agaaatatcc tagtccccag 600
aagactcgtt cagaatctag tgaacgaagg acacgtgaga aaaaaagaga agacgggaaa 660
tggagagact atgaccggta ctatgagcgg aatgaattgt accgtgagaa gtatgactgg 720
agaagaggca ggagtaagag tcggagtaag agtcgaggcc tgagtgcgag tagaagccga 780
agtagggggc gcagcaaaga ccgggatcca aataggaatg ttgagcacag ggaaagatcg 840
aagtttaaga gtgaaaggaa tgacctggag agttcctatg tgctgtgtc tgcaccacct 900
ccaaactctt ctgagcagta ttccctctggg gcacagtcta ttcccagcac tgttactgtg 960
ag

```

```

<210> 8842
<211> 1236
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (124)...(1227)
<223> similar to gi3646450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8842
atgaattccc gggtcgacga tttcgtgccg cagccgcggg agcattttct cggagggtccc 60
gggattacgg tgctcgagca cgctggtggg aaaggaccgc ggacttgaac agtggtgtgc 120
ggcgccatgc aggtctccag cctcaatgag gtgaagattt acagcctcag ctgcggcaag 180
tcccttctctg agtggttttc tgataggaag aagagagcgc tacagaagaa agatgtagat 240
gtccgtagga gaattgaact tattcaggac tttgaaatgc ctactgtgtg taccactatt 300
aagggtgtcaa aagatggaca gtacatttta gcaactggaa catataaacc tcgggttcga 360
tgttatgaca cctatcaatt atccttgaag tttgaaagggt gtttagattc agaagtgtc 420
acctttgaaa ttttgtctga tgactactca aagattgtct tcttacataa tgatagatac 480
attgaatttc attcgcaatc aggtttttac taaaaacca gaataccaaa gtttgggaga 540
gatttctctt accactatcc atcctgtgac ttgtactttg ttggtgcaag ttctgaagtt 600
tatagggttaa acttagaaca aggacgatac ctgaaatcctc taaaaactga tgctgcggag 660
aataatgttt gtgacataaa ttcagtgcac ggcttgtttg ccacaggaac catagagggt 720
agagtggagt gctgggaccc aagaactcga aacagagttg gcctgttaga ctgcgcctta 780
aacagtgtca cagcagattc agagataaac cagtttacca acaatctctg ctttgaaatt 840
taattggtgc cttgaccatg gcagttggaa caaccacagg gcaggtttta ttatatgacc 900
ttcgatctga taagccattg ctagttaaag atcaccagta tgggctgccc attaagtcgg 960
ttcatttcca ggattcatta gatctgattt tgtctgtgta ctctcgaatt gtcaagatgt 1020
ggaataagaa ctccggaaaa atatttactt ccttggagcc agagcatgac cttaatgatg 1080

```

```

tttgtctcta cccaactca ggcattgcttc tgaaggccaa tgaaaccccc aagatgggca 1140
tctattacat tccagttttg ggtcctgctc ctgggtgggtg ttccttctta gacaacttga 1200
ccgaagaatt agaagagaat ccagaaagca acgaaa 1236

```

```

<210> 8843
<211> 973
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (244)...(915)
<223> similar to gi2648019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8843
tttcgtgacg gagctgtagc ggcactgtaa ctgcgagggc agcgccgcgt gtgtaacggc 60
gggggcgtgt cggcggggaag gacaatcggg ccgggactcg cgggtgtccg gtgaccgcgg 120
cttcctggga gcagacctct gtgggcactg tgaggcgga cggagcgggc gggcaggagc 180
tggtctgggc agccttcctc ccgcgtggag tctaccccca agccttctc ctcttcccaa 240
ttcttgtcac cttcagaggag gccatggaaa cccaacacc tttgccgcct gtaccgcct 300
ccccgacctg caacccagcc ccacggacaa tccagatcga gttccacag catagctcgt 360
cgctgctgga atctctgaac cgccacaggc tagagggaag gttctgtgat gtgtccctcc 420
tggtgcaggc ccgggaactt agggctcata aagcagtgtt agctgctgcc tctccttact 480
tccatgacaa gctgcttctg ggggatgcgc ctgcgtctac tctaccgagt gtcattgaag 540
ccgatgcctt cgaggggctg ctccagctca tttattcagg gcgtctccgc ctgccactgg 600
atgctcttcc tgctcatctc cttgtggcca gtggccttca aatgtggcag gtagtagatc 660
agtgtctcaga aattcttaga gaattagaaa cttcagggtg tggaatttca gcccgaggag 720
gaaactccta ccatgccctt ctttccacta cactctctac aggaggctgg tgcattcgct 780
cttcgccttt ccagacccca gtacagtctt ctgcttctac tgaaagccct gcttccactg 840
agagccctgt gggaggggag ggaagtgaac tgggagaagt gctgcaaatt cagggtggaag 900
aagaagagga ggaggaggaa gatgatgatg atgaggacca ggggtcagcc acactctctc 960
agacttctca gcc 973

```

```

<210> 8844
<211> 2174
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2175)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```


<222> (955)...(152)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8844
gactgnaagg agtgtcagaa agcgaaagac cggatggaga ggattaccag gaaaatcaaa      60
gactcggatg cctacagaag ggacgagctg aggctgcagg gggacccctg gagaaaggca      120
gcccgaagtgg agaaggagtt ctgccagctc cagtgggccg tggacccccc tgagaagcac      180
agggctgagc tgaggcggcg gctgttagaa cttcgaatgc agcagaacgg ccatgatccc      240
tcctcggggg tgcaggagtt catctcgggg atcagcagcc cctccttgag tgagaagcag      300
tacttcctga ggtggatgga gtggggcctg gcacgggtgg cccagccgag actgagacag      360
cctccggaga cgcttctcac cctgagacca aagcacgggg gcaccacaga cgtgggggag      420
ccgctctggc ctgagccccc aggggtggaa cacttcttgc gggagatggg acagttttat      480
gaggtcgaga gctgtcttgt ggaggcaggg aggctgccgg caggccagag gcgttttgcc      540
cacttcccag gcttggcctc ggagctgctg ctgacagggc tgccctctgga gctaatacgat      600
gggagcacgc tgagcatgcc cgtccgctgg gtcacagggc tcctgaagga gctgcacgtc      660
cgactggaga gacgggtcaag gctggtggtt ctgtcaaccg tcggggtgcc aggcacgggg      720
aagtccacac tcctcaacac catgtttggg ctgcggtttg ccacagggaa gagctgcggt      780
cctcgagggg ccttcatgca gctcatcaca gtggctgagg gcttcagcca ggacctgggc      840
tgtgaccaca tcctggtgat agactccggg ggcttgatag gtggggcctt gacgtcagct      900
ggggacagat ttgagctgga ggcttccttg gccactctgc tcctgggact gagcaatgtc      960
accgtgatca gtctagctga aaccaaggac attccagcag ctattctgca tgcatttctg     1020
aggttagaaa aaacggggca catgcccac taccagtttg tataccagaa ccttcatgat     1080
gtatctgttc ccggccctag gccagagac aagagacagc tcctggatcc acctggtgac     1140
ctgagcaggg ctgcagccca gatggagaaa cagggcgagc gcttccgggc actggcaggg     1200
ctggccttct gcgacctga gaagcagcac atctggcaca tcccaggcct gtggcacgga     1260
gcacctccca tggccgcagt gagcttggcc tacagtgaag ccatatttga attgaagaga     1320
tgccactctg aaaacatcag gaacggcttg tcgaaccaa aaaaaacat ccagcagctc     1380
attgagctgg tgagacggct gtgagtgtgc agagaaaccc agttcagggt taggaggctg     1440
ctgtgggcag ccctgtctga tggggcaccc gtgtggggct gtgctctggt gcctgagaat     1500
ggctggtgcc caatcgacat gagaagacga gcaaaagaca gagggtttgg agtctcctca     1560
acagtgttaa aagagggaag gacctcacag accagctcag agatgttacc aagaatatca     1620
cagccccagc ggtagggaga caagcagcag tttgttctgt ctgagctcct gtcaaggatc     1680
ctgcgggggt ggccctctgt atagctgctc tctgtcactg gcccctggag tgggagcagc     1740
gtccctagtc actgcaggcc caggcgggca ggtggtccca ggacagaggt ggggaagttg     1800
tcctgaggaa gcagaagtag gccttgctcc cgcccaaccc aagggcctcc agtggaccag     1860
cattcaagat gtgagtgcc gtggtgtgca aggcactccc atggcaccgt atttattgac     1920
tgatctgtga aggettcctt gaccctgcc caggaagagt tcactggtcg ctctgttgtg     1980
ccccacagca ctttgttata cctctgccac acacttcacg cagcgcgttg taactcatgt     2040
gtttacatgt ctgtccccc agactgtgag ctcttgagg gcagggactg tacattctcc     2100
agctctgtgt ccccgaggcc tggcacattg tagacgctta ataaatgtct gttaaataaa     2160
aaaaaaaaaa aagg                                     2174
  
```

<210> 8845
 <211> 945
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (187)...(940)

<223> similar to gi3876566 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8845
ttgcgtgtcc ccaggagctg ggagcgggtg accggcggcg gggaagcggc ctgggttggc 60
cctcagattg cgggggtctgg gggcatctcg ccgggcaaac ccttgcccgc cctacaagga 120
cttcccccg cagagcaat gccgctgag aacagcaagc agttttggaa gaggagcgt 180
aagctgccgg ggagcattca gcctgtatat ggagcacagc atcctcctct tgaccacgg 240
ctcacaaaa atttcattaa agaacgatca aaagtcaaca cagttcctct gaagaataag 300
aaggcctcca gttttcatga gtttgacgg aataccagt atgcttgga cattggcgat 360
gatgaggaag aggacttttc ctcaccttct ttccaaactc tgaactcaaa agttgctttg 420
gcaactgcag cccaagttct agaaaaccac agcatgctga gagtaaaacc agaacggtcc 480
cagtcaacga catcggacgt ccctgccaac tacaaggcca taaagcccag cattgatgcc 540
cagctgtgca gaaactctag tgatacatgc ctgaggaacc cactccacaa acagcaatca 600
ctccctctcc ggcccatcat cccctcgtt gcccggtatc cgcatcagaa cgcttctggg 660
gccccccaa tgactgtccg ggagaaaacc cgcctagaaa aattccgtca acttctctcc 720
agccagaaca ctgacttaga tgaactgagg aagtgtagct ggccaggggt tcccagggag 780
gttcgacctt taacctggag actcctgtcg ggctatctcc cagcaaacac tgagaggagg 840
aagttgacct tgcagcggaa gcgggaggaa tattttggct tcattgaaca gtattatgac 900
tctcgaaacg aggaacatca ccaggatacc tacagacagt gtatt 945
```

<210> 8846

<211> 2103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1399)...(2102)

<223> similar to gi1185397 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8846
aatacatgcc tccatttggt aaaaataatt gttcttttat ttctttggaa agtagtgggc 60
cctgccctat ggattttcag gtcaaaactag ggtaatgaat gctcccctag tctttgggct 120
ggagcactat ggtcccagct ttcccagggc ccagaagcaa ttctgtatt gtccaacca 180
agcaactagg acccaaattg tctgaaggct cctatcaggc cttctctcct gaccaccac 240
ttccaatct ttcttggtt tccctctggg cagggtatct ttttcttcta aaaccagtgc 300
tggaacctgt gctgtgcaga agagaggaca agacgaggga tgttcccaa ttcccataag 360
aggacacagc ccctcagtca gtcccttctc tctgctggct tcagtctgca ctctctgca 420
agccccact gtgaggcttg aagatggaca agaggacct cataaaaggg aggtgagaga 480
aaacacacca tccaacccc tccctcaggac atactccttg tagtctcttg tcctagttct 540
caaggagacc cttcagacag ggatggggaa ggctaggtga gtgggcaagg gccccctgac 600
cccagccctg cgaggctata ccaggggagt gtccattagc cccatcagtg tggcatggcc 660
gtgatgcgca tgctctggga agcgataggg taagtcacca tgggagtggg ggtgtggctc 720
attgtgattc ctgccaaggg ttgggccatc gatacagcca caggggccac aggagccaca 780
```

gatacagcca	caggagccat	ggagacaggt	ggaggtgcca	ttccctgggc	aattgtttga	840
gccagggcag	ctgacagtgg	cgtgatctct	ggggcaagt	gtgggggtgg	gggtggtgga	900
gcagcaggag	gtgcagcatt	agttggggga	gcagctggag	ctccagcagg	ggccaccagt	960
tcttgctggg	acactggacg	aggctgtaga	gcctggctgc	tgagagtagt	gtgagtctgg	1020
gcaatgccat	ggttaaaagt	ggcaacagtg	cccacagtgg	gggccagagt	ctgctcagtc	1080
gctggtgcag	tggagctcag	ggttatgacc	ttggcctgat	tgcggaactg	agcattttgt	1140
tccagtagta	cctcattggt	ggccagcagg	ttgctgacct	gcttccttaa	ctcctctacc	1200
cgcttcctga	gcatggcatt	ctcctcctct	agcagtctgc	actccacccc	tcgcggtgga	1260
gccaaactat	attcatatga	ctcaaaatga	gggccatcag	gggggcagca	tccacctcgc	1320
cggcgttttg	ggcgtggctc	atggctctca	aagcccctgt	caggaaggtc	atagatatca	1380
tagagatcat	gacgtcgtcc	tgggaggact	gagcctgttg	agccccacc	agtgcctcct	1440
ccaccccgag	catcaaaactc	aaaatcccgt	tgcaggtgac	ggaacttgca	cttggtcctc	1500
ctctgacagt	cacccttgag	aaagtcacgg	cagataggga	cctcctcctt	gccatttggt	1560
aggtcagccg	gtgaaaggcc	aaggccagct	gctactttct	gcctcagccg	tgggggaagc	1620
tctcctgtct	tcttatagcc	atcctcatcc	tccttgagac	catggatgaa	acggcaattt	1680
gggcggctac	actccttggt	ctggaagtca	tggcagaaga	tgaactcggt	tttgctcacc	1740
cccaagttgg	acacctcgct	catgtctggg	tggcgatata	ggcaacgctt	gcctcgcttg	1800
cacacattcc	tcaagaagtc	tctacagatg	gcattctgagc	tggccccgcc	actgcctacc	1860
cctgccccac	tggcctcctc	gctgccacca	cctccagggc	ctccaccgct	gctcccggta	1920
ccgttggcac	agctgtcccg	gtcaggcatc	ctgggtccgc	ccaactcagg	gttttcttta	1980
tcttgccact	cttggtgacc	actgaggtag	ctcaggtgaa	gtccggggct	cctgtgggtc	2040
tccacctcca	catcactgct	gggttctgcc	gccgcccgg	tagttgctgc	tgccgccacg	2100
aaa						2103

<210> 8847

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (399)...(689)

<223> similar to gil345538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8847

tttttttttt	ttccagtcgg	gttgaggttt	atttctgcca	gagcctggag	gctgggaggg	60
taaaggacac	tccttttagtc	ccagagggaa	gctccgaacc	ctcagagcaa	ccagaaggga	120
gggcagagca	tgggcagcag	caggagttag	aggggtcccc	ttgtcctgcc	cctttgcaag	180
ggttcaaggc	tggtaggggc	ctggggcttc	tgtcgctcag	gagttcaggg	gtggacgcag	240
aaatggggga	aggagagtgg	ctacgtagag	agtgagagcg	agattcctaa	aaagatgcac	300
agagagaccc	tcagagaggg	caagaaagat	ggtgagaggg	tagggaagga	gagggagggg	360
gagagagaga	gagagagaga	agcagagggg	atgggttgca	ctggctgagg	atggtggagg	420
agccgtctca	ctcccttcct	aatgtctata	gatcaataac	gaggggaagaa	aggaggacag	480
ggagctgatg	gaaacacagc	ttgccaaactg	taccagctcc	ccaacaagc	aaggtagctc	540
cagtccttgc	ctccctgcct	gccccgctcc	tctgtgttta	ggggtcatcc	tttgatggga	600
ggttgacagg	gacccaggtg	ggggtgataa	atgccagagt	cctgcaccat	ttccaaaggg	660
caagaagtca	tagggcggct	cgtgccgag				689

<210> 8848
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(151)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8848	
tttttttttt ttaaaaaaca gattctcact cagttgccca ggctgaattg cgggggcgct	60
gtctaagctc actgcaacct ccgcctccca ggttcaaggg attctcctgc ctcatcctcc	120
tgagtagctg ggattacagg cgtgtgcacc atgcccaac	159

<210> 8849
 <211> 964
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (495)...(946)
 <223> similar to gi22092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8849	
cacctgagta aacactttca gctgccctcg agaaatggta ggattggcta tgtgctgagc	60
ctagtggcac tgcagctcat ggaggcagca ccggcttcag gccgctgtgg ccttggtggt	120
ccctttgatg gcacggaggt ggataaatgc ctgcatcagc tgacactgag tttgtggaca	180
ccagggacct ctgcagctag ctgggaaatc tttcccagga ggtctccac cccttccctc	240
tggaaacaccc cctgacgagg ccaggggagg aaccctact ctatgttcta ctctggtacc	300
tagtgctcac ggtgagcagg ctggctcggg gcagccctcc tcagagctgg agcgcctttc	360
aggtgccctc tgaacagata ctgttcagaa tacagataaa cagatgccac caagggtcccc	420
tagctgtgca gtggaggggc aggtttcaaa atcagatctg tctccaaagt tcctgctctt	480
aaacaaagct gtcccatctt cccacccctc tccatgggcc tgtcctctcc tctaagtacc	540
atatcccaac tctcccagga ctggcatcat cttaagagtc agtgccctct ctgttcccag	600
ggtccccact gactccaacc tgcccacgtc ctccactaca tgaaccaga actgttgtac	660
atgatggaac cacctccatg cccatgggta ctgtcctgcc accagcccca gtgggaggca	720
cctctgectg tcctgttcca accccagtac cccatcttga ccaaggccat gccctgacct	780
gcctccaaga acagaccagc agctcacccc ctagacaaaa tcacttcctc tttaattgct	840
gttgaagaag attcacacca ctgcctccaa ggagatgggg gggcatttcc cccttgcccc	900
cacctctctc cctccccaa ttacctggtc ctttgcaaac tattttagcc agaaaaaaaa	960

```

<210> 8850
<211> 1097
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (736)...(1097)
<223> similar to gi5306259 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8850
tcttgttctt cccaacagag aggcccgttg aggtttctct gtcctccatg gggaacagca      60
ttggcctaaa cctgcagaca ccattgcaaa gggaagtcag ctcaggcaaa cccgctggtg      120
aagaagaatt ccagtgtggg gacacagaga ctgacatttc ttgccatggg tgatttaatt      180
ttgggcctca gtttttctatt cccccctaag agtatgacac agccgcatcc ttgccagggc      240
cggagggagg gtggatggac ttataggtgt tgcttgtggc tgggtgactt gcttctgcca      300
acgagatttt cacagacacg gcacaagcag aagcctggaa tgtgtggcac tgccaggcct      360
gccctcttag gctcttgatt ttccccacga gatatgcgtg ccccagggaa cggcggctct      420
ggctgtggaa tgagaggcgt gtggagcagg catggttccc accctcagcc tagagtcaag      480
gccagactag atcagcctaa gccagccac gccacgggtg cagcagtga gagcaaatgc      540
caactgtcca tgacagtgc tttcaaagg gtgtgtcatg tgcctcatcc cagcaacagg      600
gaaggcattt ctctatcagt cagttggtaa atgattattg acaatgtgtg ggaaaggggg      660
aacgatttgg agcagaatct ggccctctc tcttcatcgg aacctctcct ttcttacacg      720
cgcaggcccc ctctctcgtt tcgaccctaa tccttaacag acctctacc taccctggc      780
accaatcaca ccctcttcac accaccgtgc aaactaccct cccatcccat ctctctcccc      840
atctgtctta cagcctcgc ggaccctaga ccctccttac tcgcccgtca taatcctcta      900
ccatacgtct tccctccac ctccttcacc ccaccctcgc cactccccca tctctatccg      960
cctctctatc tctctctct tctccccacg actacttact tcaccttcc ctcttctctc     1020
acgccactcc gtctccctct ccacgcctgc cctcataatt taccatcac cctcttctct     1080
cagggggaaa aactccc                                     1097

```

```

<210> 8851
<211> 3149
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1187)...(3123)
<223> similar to gil480744 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8851

cacttgattg	cagagaaggt	ctacagagca	gtggttagaa	cttggccctg	aggacagagc	60
ttttgctccg	tatgaggctg	gcaggtaacg	atctttctcag	ttttctccca	ggaattcttg	120
aacgatgaag	gtgatgattg	tgctgtggc	caagaccggg	agaaccctgg	atccctacac	180
cttccccacc	cctggaatgt	cactatacat	atctgacttc	ttctgatgtt	gcctttgacc	240
ctaaagtcaa	tatgataaag	taacaagaag	ctgggacaga	ggaacaaaca	cagccactc	300
aagcagtggt	ggcaacattc	tgtagaaaag	gaggggagtc	aaagaaaaaa	acaccctcc	360
gcccattctc	ttatcacctc	cctaaagaca	gaggagaaca	tggacaccct	ccatcctgat	420
agacatgcc	tgtggtcagt	ttgtgcggt	aacaggaaaa	aaaaaaaacc	taaagatatt	480
gtagacctt	atcttcttta	aatctcctaa	taaaaacatt	aaactttcaa	gaagattcca	540
aactgacatt	gcatagacca	actcctttcc	aaaaatatct	ctgatatact	ctccaactct	600
ctcaatatat	agaatttgaa	gtccaggagc	tgtgggcacc	tggagggaat	tactgagct	660
caaggggaca	agagggctga	ggacagggtc	cccacatggg	gacaaggcca	ggctttcttg	720
cctctgggtc	cagccagcat	caatttggtt	gtggccaaat	tctcagtcca	atcaccctgg	780
cccagggcct	ggcgtgggag	gatgtggcag	gctctgtctc	cttctggggg	tcctgggtctg	840
gaggagtctc	cccaacagcg	ccaaagctgg	ctgttttccg	ccaaaagccc	cagaactttg	900
aatgagaggc	aaatctaccc	tgaatgcacc	tcctccttag	gctgggtgag	gtcacgcaga	960
cacagaagg	caggacagaa	ctccccatct	tctggggggc	aattcgtctg	gacactgtgc	1020
ggtcagcttc	ctttttaaa	tgccagtatc	ggtagggcag	gaagggactc	tcagggtctga	1080
gcagagcctt	ctccagcgcg	agcaaacact	ctgtcccgcc	tcggcaggca	ccttctaaca	1140
ttcattttct	aagggttagg	tgagtaaaac	aacaacaaca	aatgctggaa	atgctctgtt	1200
cccatgcc	gggagtcca	agaccaagaa	gcccactct	caccagcg	ggcagatggg	1260
gagctagga	aggaaccctc	ccagcctggg	gagggcacct	gcaccctcc	cagagagaga	1320
agccccatc	ccggccccc	agctggggcc	cagcgtgct	ggaaccagcc	ggcaggtggg	1380
gcagaaaagc	agcacctccc	ctcaccagg	cgaggaggca	atattgaacc	gtgaactcaa	1440
gaagaaaagc	ggaaaagaaa	aatgaaaaaa	gctacagggc	taagtaaaca	ccagcctgct	1500
gggtttatac	aaaatgagt	aaatttaaaa	ggggcaggag	agtttgtcca	gggactggct	1560
ggcagccaga	accacacctc	aagcaagtta	caaggacttg	ggggaaagt	ctgagagcag	1620
aggctttagt	agggggcagg	gccagactgc	tccccactgg	gaaagcacac	cccttaaagg	1680
agcccttccc	ccttgcccag	aacgggggat	gcttccagag	gaaggctgag	gcttttcttg	1740
taaggaagcc	agctccggac	cagtccagcc	acagcccacc	tgctctatg	gcacccgccc	1800
cagtctgggc	agctgacctt	gagggcagag	aaggactttg	cttgcctcaa	ccttccctgca	1860
ggaaaaccag	ctgctcagga	cccagccctg	ggcagagggc	acggtcgggtg	ctcagacctt	1920
tctcagcacg	ggtctcagac	ctgagctgga	gctaactgga	ggaagaggca	gcacccttc	1980
ccgcgggct	gctggacctt	ggcctctga	ctgcacagca	ggcagtgacc	aggagtccct	2040
gggaaggagc	tcagggaagg	ggaggtgagg	ggcagctggg	actgtgctgg	gggtgagcat	2100
gtgcaaagt	caggctgcaa	ggcagcgga	ggacatttgc	cggggggagg	caggggtctc	2160
gatctggagt	gtgggtgggg	tctgaggtca	tggctcccag	gaagaggccg	ccagcaggtc	2220
ccccaggaca	caaggaagg	acagctgaag	cactaagcag	tcagacagtc	acaggtggca	2280
ggattccgga	ggcgtctgg	ccccccacc	accagggcaa	gggaacaacg	gagcaaggcc	2340
ctgctgctaa	gacgtgacca	aagccagtgc	tcctggagt	agtggggaca	caggtagaga	2400
ggccccctca	gccacaggca	tctctacatt	taggagctgc	tgcatgtcct	cagccagagg	2460
gctgggtcag	tctccagcag	cgccggtcct	tgccagctcc	ttcttgccca	caagctgcac	2520
gggcccgcct	ggcctgcctg	gcctgccctc	tagtggttca	gaggagaata	ttcacagtgg	2580
tgctggggcc	ttggtggggc	aggaggggtc	cagcatggat	gggaggggca	atggaatgat	2640
gctacgggga	gtgtggactg	gagtgcattg	aggaggcatg	gatgagatgt	ggcgagagg	2700
tgatctgaag	gggaaagttc	ctcatggaat	gatacaggtc	tggactccag	agaaagcagg	2760
actcttctcc	agccccgaca	cctgtcctc	aatggcttcc	aatcacact	ggctcgtaga	2820
ccccagaaga	gacctgggtg	gcaagctgga	tgccgctcag	cgtggcagag	ccatcgccgc	2880
tcacgaacag	ccggaggttg	ctgtcctcgg	tgttctgccc	atctgtgaag	tcctggctct	2940
gcacgatctt	ctccacgatg	gcatccgcct	cgatccgcgt	gtcgtccacc	caggtcgggt	3000
ggctctccac	cgagtccttc	ttccgcctga	aagagcgatc	ggacagatgc	aggggcccgg	3060
gtggccgcgg	cggcttctcc	gggggcccgg	gctcccgcct	actgcctcca	gggcccctca	3120
cggctcatgcc	aaggccccc	gaggcgctg				3149

<210> 8852
 <211> 724
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (125)...(725)
 <223> similar to gi19927 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8852
 ggagggcatga gaggggcactt gcacagatct tgtgtctgga aaggggaagc gggacagcag 60
 gaggtctccag ggagtaacct gaggaagctg ccttgggtgt gtcttgggtgc catgccttag 120
 gcggccacca ggtggcgcca aacccacacg ccccgtttc aggtgtgctg agctgcaccg 180
 ccccgccgt gcacctactg cgtgcagagg gtgcagagcg cggccggtgc tcaccgcag 240
 cggacaggat gggggcggtgt tccccagctg atgccgtctg ggccagactc agatgagagg 300
 ccttgcttgc ctgatggccc taacttctcc agcaagctgg gggccgcggt atctccttgg 360
 ctgcatgtcc catgctctgc ctgccaaggg actaggggaag aagcctcagg aaggtagaca 420
 gatgcacccc ctatgtctgc agcacagtct ccatccccc gggctcaggc cagactgcta 480
 gctcctgcct tcccttggcc ccagaccctc gcagtccgc tcctcagcct ctccccacca 540
 atctccagca gatgtccacc cccaatgcc tctgcagcct cccacccgc agccctgct 600
 gaggtcagtc agcctgggccc ttgccatgcc tcaaaaacca tcccatggag taccttgtgg 660
 ccaaaccac ctgccccgcc tctgacccca cctgtcctgg ctctgacccc acctgccccg 720
 gcgc 724

<210> 8853
 <211> 1841
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (973)...(1841)
 <223> similar to gi4689262 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8853
 cagttttgga aaagttagct ctcggttctg ctctgagatg ggcagagaag atgcgggcca 60
 ggagacttac tcaggtggga ctgggcacag ggcaggtatg tgggaggctg ggctgcttag 120
 tgtcttctag tcacctctgc ttgggtgat tgacagaggt cagtcattac agccccttat 180
 gcctcttcca tgggaacaaa tactgtgcag atgtttgtaa gttaaacata agacacaggg 240
 gctgttgctt ttgaacagaa ccctatatta ctctcctggg atctgagttt ctgcaggtea 300

tttgatgta	ggaccaggag	tatctcctca	ggtgaccagt	tttggggacc	cgtatgtggc	360
aaatttctaag	ctgccatatt	gaacatcatc	ccactgggag	tggttatggt	gtatcccat	420
cttggtggc	ttcagttttt	gctgtagccc	tagagcactt	tggttgggg	aggtggcct	480
cttgccctacc	tccttgcctg	gacaggggga	tgaatattta	ctttcccacc	tccttgcttt	540
ttcttttact	gataccactg	aatgggaactg	gtgctgtgac	tcctgctgct	ggggatttat	600
gtcccagagac	cttagcctgg	ctgagtggag	cctgagacct	gcacaacagc	tcatggctcat	660
gcatgagaga	gaagtggctg	gccacagcca	gagggaacag	taacagccca	ggggccttta	720
ttttgggaaa	ggctgtccgg	ggctgttact	gtctcttctg	gttataaagc	agacatgtgg	780
ccatcttttc	cgcaggggta	gagtgggctc	ctttcttttt	ggaatccttt	tccttctcctt	840
tggttagcagc	tccttgccctc	cagggcttcc	gccaccagcg	tctctgctgt	gttgcgctgt	900
gcagtgggggt	gcaagggtctt	tgtttctgcc	ctgcctgaaa	gagagggctc	tggggatgga	960
gatgagaaaac	aacacgctct	ccttcagaca	atgaggcatt	ctgtcctcct	gctgccctt	1020
cttcctctcc	actgagagcc	cagagtctgg	taggagccga	agttgccaca	ggcattctgc	1080
attgctctac	tccttaggttt	gtgtgtgtga	tccttcccct	ccctgttcgc	ccactcctcc	1140
ctcctctggc	tattcctaac	cctgttctgt	ggggctcttt	taataaccag	cctatggttg	1200
tggggaattg	ttcatgggca	tttagttcca	gagtggaggg	gctttgggtcc	tgaaataaaa	1260
tgcaagtatt	taagattgtt	gttgcaattt	gtgtctaaca	agctgtagca	gagaaggagg	1320
gagtgagcgc	tggcagtatt	tcctttcata	aatcatgaat	ttatcagtgt	ggaaataatg	1380
cttcagaact	gtgctctgta	gccctcctgc	attgtgtgtg	cagctcaagt	tcaccactgg	1440
aggaaggatt	gtcttccaaa	gagctgggat	ccaactcttc	tcacagttct	gggcgtgaac	1500
cttggttaggt	atactttacc	tgatgctgct	tccatcctcg	cagtctgtct	gaggtgccag	1560
gtgctgaaaag	agaaataaag	tttgtcaaca	ggcagatgca	aagccctggc	tggtattcat	1620
ccctctttcc	tgcccgctc	ccctgggtct	ctcctttata	tgatgcagca	gagcaaggcg	1680
aggatagaaa	acctacagag	gcaaatccaa	aatgtcagaa	gaagttcatt	taaaagggga	1740
aaaaaactcc	atgtgcaacc	ctcacaaaaa	cccagacagat	gctaagctaa	tggcacccgc	1800
tctgccgatt	ggtgggggatg	gctcatgaat	attaatgagc	t		1841

<210> 8854

<211> 1301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (606)...(939)

<223> similar to gi2072964 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8854

agaaacatct	ttcaggggatt	aaggagaaga	tcaaaacagt	ttcagattaa	gaaaagctaa	60
ggacatctct	gaccagcagt	tctaccctaa	aagaagggtc	aaggggagtt	ctctagacgg	120
aaaggaaaatg	attaaagaag	gaaccttggg	acatcggaaa	gaaagaaaac	agcaaaaatag	180
gccttccttc	tcctcttgag	ttttctaaac	tatgcttgac	ggtttcagaa	aaaaatcata	240
gcaccattca	atgtggttct	aactctccat	aaagaaaatg	tttgaaatgg	ttataaaactg	300
ggagggtaaa	gagacctaca	agggaggtaa	ctcgtctatc	attcactcaa	attggtaaaa	360
caatgacacc	agtataccgt	gtgggttaaga	tatagatgca	cagatatacg	aatgtctgga	420
aaaaccaaga	gggtatata	aacagacata	ctcaaaagca	ctatggataa	ggcaaaacac	480
cattctcaaa	gatgttcaag	tcatgacagg	aaggtaagaa	aaagaaagca	tatccagaaa	540
acgaaaccag	ggagaacaaa	cagaaaagga	aaaataaaat	ggcagattta	agccctacca	600
tgtcaatatc	attaaatatc	aatggcctaa	gtataccagt	tgcaagacac	aggctggcag	660


```

agtaggttaa tggacacgaa ccaactacat actggctaca aagagactaa cttcaaatat 720
gatgatacag gcaagttgaa atgaaaaggg tgggaaaaga tatatcatgc aaaccttagc 780
caaaggaaag caagactggc tatattaatg ccagatatag tataatttcag aacaaataaa 840
ctaatacagag agagagaggg acgttataaa atgatgaaag gaccaatcca ccaacccctc 900
ccctgacgag gccggttgag atgtgtgaag cagctctggc taacagcggg tagggagagg 960
gcgcgcggga cccaggagcc tccgtgcgga gccaggcctc aggagcagcc gccttggtcc 1020
tggaaggggt gcctccctcc atcttgtctc caaagactgt agggagacct tctcgcccgg 1080
taggaaagcg acgtctccca tgctttccca ccacgcaggc cttgtggcct ttctcctgct 1140
agtgtctgcc ctccaacctg cgggggctgc ggctgccacg gttccacgct ggggtggacgc 1200
tgctgccccg ggatccaaga cccgccgttg caggcgggag ttggggagtc gtgtgcaggc 1260
ccgaaggaga cccaagctct tggccaaggc ttttttgctc c 1301

```

```

<210> 8855
<211> 361
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (15)...(137)
<223> similar to gi403460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8855
tttttttttt ttgagacagg atttaattcc ctttgaccag gctggagtgc aatgcaatgt 60
tggtcactcg cagcctctgc ctccctggggc tcaaagtgat tctcctgcc cagcctcctg 120
agtagctggg actacaggcg cacaccaccc gtgccagct aatttctggt attttttttt 180
ctttttgtag agacaggggt tcgccatggt gcccaggctg ggtttcaaac acctgggctc 240
aagcagtctg cctgcctcag cctcccaaag tgctggtaat actgcacctg ggctgtggt 300
accttattta tctttgtatc tctagtcctt tgcaccattc agcctcaata aaggttgggt 361
g

```

```

<210> 8856
<211> 1311
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1312)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (619)...(1311)
<223> similar to gi5712203 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 8856
acaaaaccaa gatgctggtt aggcagggct cttctcttat ctggaaagaa tcctcttggt 60
taggggtgtg gaagaatccc cgtcgcccc tcagttgtga ctgaggtctt ggtttccctg 120
ctggccgcca tctggggcct cagctccttc aagctgcccc gggtcccttc catgtgtgtc 180
ctctcccca ggtgtccggc caccctctca tccccctcgt atttcaaate tcacttecta 240
ttctgtcacc agccagagaa ggctctctgt gttgaacact cctgtgattc cagtggctgc 300
acccagatcc tccgggcccgt ttccccctcc ttaaggattc ctatgccatg taacagcaca 360
ggcatgggtg tgatctcacg tggtcacagc ttccgggggc taggatgaga catgcttggg 420
ggcggggggc acttaaaaaat gtgcctgcac tgtgggctg atgctctgca ctgtggaagg 480
aaaaggagtt aaatgagaaa tgatgggtgg cgctgagcct gagcagcgcc gctttgtgcc 540
gcagcatcaa cctgtgggaa atggcgaggt tctgtctgaa acaggacgtg gtcaacgcca 600
tcaacctgga tgggggtggc tctgccacct ttgtgctcaa cgggaccttg gccagttacc 660
cgtcagatca ctgccaggac aacatgtggc gctgtccccg ccaagtgtcc accgtggtgt 720
gtgtgcacga accccgctgc cagccgcctg actgccacgg ccacgggacc tgcgtggacg 780
ggcactgcca atgcaccggg cacttctggc ggggtcccgg ctgtgatgag ctggactgtg 840
gcccccttaa ctgcagccag cacggactgt gcacggagac cggctgccgc tgtgatgccg 900
gatggaccgg gtccaactgc agtgaagagt gtcccccttg ctggcatggg ccgggctgcc 960
agaggccttg taagtgtgag caccattgtc cctgtgacct caagactggc aactgcagcg 1020
tctccagagt aaagcagtg ctccagccac ctgaagccac cctgagggcg ggagaactct 1080
cctttttcac caggaccgcc tggctagccc tcaccctggc gctggccttc ctctgtctga 1140
tcagcactgc agcaaactg tccttgctcc tgtccagagc agagaggaac cggcgctgc 1200
atggggacta tgcataccac ccgctgcagg agatnaatgg ggagcctntn gccgcagaga 1260
aggagcagcc agggggcgcc cacaaccctc tnaaggactt aagnctnaaa g 1311

```

<210> 8857

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (496)...(0)

<223> similar to gi2565196 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8857
cgattccgga gagggagcct gagaaacggc taccacatcc aaggaaggca gcaagcgcg 60
aaattaccca ctcccgaccc ggggaggttag tgacgaaaaa taacaatata ggactctttc 120
gaggccctgt aattggaatg agtccacttt aaatccttta acgaggatcc attggagggc 180
aagtctggtg ccagcagccg cggtaatcc agctccaata gcgtatatta aagttgctgc 240
agttaaaaag ctctagttg gatcttgga gggggcgggc ggtccgccc gaggcgagcc 300
accgcccgtc cccgcccctt gcctctcggc gccccctcga tgctcttagc tgagtgtccc 360
gcgggggccc aagcgtttac tttgaaaaaa ttgagtggtt caaagcaggc ccgagccgcc 420
tgataaccgc agctaggaat aatggaatag gaccgcggtt ctattttgtt ggttttcgga 480
actgaggcca tgattaagag ggacggccgg gggcattcgt attgcgccgc tagaggtgaa 540

```

attcttggac	cggcgcaaga	cggaccagag	cgaaagcatt	tgccaagaat	gttttcatta	600
atcaagaacg	aaagtcggag	gttcgaagac	gatcagatac	cgtcgtagtt	ccgaccataa	660
acgatgccga	cggcgatgc	ggcggcgta	ttcccatgac	ccgccgggca	gcttccggga	720
aaccaaagtc	tttgggttcc	ggggggagta	tggttgcaaa	gctgaaactt	aaaggaattg	780
acggaagggc	accaccagga	gtggagcctg	cggcttaatt	tgacccaaca	cgggaaacct	840
cacccggccc	ggacacggac	aggattgaca	gattgatagc	tctttctcga	ttccgtgggt	900
ggtggtgcat	ggcgttctt	agttggtgga	gcgatttgtc	tggttaattc	cgataacgaa	960
cgagactctg	gcatgctaac	tagttacgcg	acccccgagc	aggagaacag	cactgtaggc	1020
atgaagatcc	aggaggagct	gcaacgttcc	gggggcctgg	accacctcgt	actctacca	1080
ggagaatggc	ccgtgagtga	caacaccatc	atgcacatcg	caaccgccga	ggccctcacc	1140
acagactact	ggtgcctgga	tgatctgtac	cgggagatgg	tgagatgcta	tgtggaaatc	1200
gttgagaagc	ttccagaacg	ccggccagac	ccagctacca	ttgaaggctg	tgtcagcta	1260
aagcccaata	actaccttct	cgcctggcac	acaccgttca	atgaaaaagg	ctcaggggtt	1320
ggag						1324

```

<210> 8858
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (213)...(528)
<223> similar to gi545998 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8858						
tttcgtggct	tggttctggc	ttgttccct	ccggctcgaa	ccacctcttc	tctgagccga	60
gccagctacc	ggggctcctg	gaattgccac	ccctccctgg	gcaccttga	ggcctccgtg	120
gagggacgtc	acggggcaga	gcgggacgtg	agcctgagtt	tgctgcaggc	gtgctctgtg	180
tggtggctgg	gttctgcaa	tccccgtgcc	caccgggtgg	gcgcggccgg	gaagctcctg	240
ccccctcctg	ctggtcggcg	tcacgcgtga	cgtccccgct	gatggctggg	agggcccggc	300
ggcgacagcg	gaggcagaga	ggaaggcgg	tctgagagct	tcagagagct	atggaaagca	360
aaatgggtga	attgccttta	gacatcaaca	tccaggaacc	tcgctgggac	caaagtactt	420
tcctgggcag	agcccggcac	tttttctactg	ttactgatcc	tcgaaatctg	ctgctgtccg	480
gggcacagct	ggaagcttct	cggaacatcg	tcgagaacta	caggtgacca	cccctcaatc	540
tgacctgtg	tgccaggatc	tcattttctg	tgattaatat	aatatgtttt	gtacctgcct	600
cctcaagctt	gacagtgacc	ctgtccctca	atccctcac	tctctagccc	cgtctgttgg	660
catcacagag	ctttaaccca	aaggatttta	gggcatttgg	gttgagaaga	tggcattgat	720
att						723

```

<210> 8859
<211> 519
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (234)...(517)
 <223> similar to gi2315665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8859
cccacgcgtc cggagcactt tatttttttt caagttattt tttgcattgt tttggagtag      60
cttcgaataa taaacacata tttctgcttt aaatttttaa tagttaacta cattcatggg      120
acaaccaaag caagaaagcc tcatgttttg ggggaaagtt tgatatcagc aatgtccaga      180
caagagccaa agatgtttgt cttgctctat gttacaagtt ttgccatttg tgccagtgga      240
caaccccggg gtaatcagtt gaaaggagag aactactccc ccaggatat ctgcagcatt      300
cctggcttgc ctggacctcc agggccccct ggagcaaatg gttccccctg gccccatggg      360
cgcatcggcc ttccaggaag agatggtaga gacggcagga aaggagagaa aggtgaaaag      420
ggaactgcag gtttgagagg taagactgga ccgctagggtc ttgccggtga gaaaggggac      480
caaggagaga ctgggaagaa aggaccata ggaccagag                               519
  
```

<210> 8860
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (353)...(644)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8860
atctcttttt cttgtctaata tgctctctct tgatagtact tccagtacta tgttgaatag      60
aagtgggtggg agtgggtaata aactgatttt taaatgtaca aacatctgaa aaggacacct      120
caccaaagaa gatatacata tggaaaatag gcatatgaaa agaagctcaa ggtgatatga      180
gttgtcttcc aaaaggtaata gaaaaatgca tattatgaaa aaattatgga gtccaaattt      240
tttataccaa aataagctca tactaacttg ttataacatg cctgaacagg atgtagtttg      300
aggcactaaa aaggtaagac gtaagtttga aaagagcacc tgtcagagca acataaattc      360
tactaaaatt gaagcaaaac caaacatcaa atttagtgtg aagcttgggt ggaagaatgg      420
taaaatcatt gatgctttat gagaagttta tggggatgat tctccaaaag aaatcagcag      480
tttgcaaaca gataactcat tttaagaagg gatgagatga tgctgaagat gaagcacata      540
gcagcaagcc ttccacatcg tttgaaaaaa aaattgaaaa aaattatgtc catgccttaa      600
ttgaagaaga acaagaatta acagcacaaa caatagtcaa c                               641
  
```

<210> 8861
 <211> 2025

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1086)...(2025)
<223> similar to gill196432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8861
tttttttttt tttgaagaat tcaagttagt tttattcaaa ggtcttactg agaatcctag      60
accaggtcc  cagcccgga  gcagccttag agagctcctg tttgactgcc cggctcagtg      120
tctcgccca  ctgcttggtt acgggggccc gggctcagga cctgcacagt cacatccatc      180
cagactggct ccgaagttac attacagcag aatcaacatc aagggtttgg gcataagagc      240
acttctgggt acagattaca gaaggcataa tcgctaacct tgggccaaaca ttttctcatg      300
tgcacgaaaa acccaaggga ccagggtcct tcacctttta aaggaataca agttgactca      360
ggcaaaaaga cgcggggccc tgtgttcttt cctgttttgt tttcaaagcg tctctctgga      420
gagctgcagt gtcacagagt aaggggccac agaaatgagc acacacttag gtttgctgct      480
gacacgccct gectctctct atgtggttca tgtggccatc agccggggct gaagaccctt      540
ggcacacacc tgcaccccaa acggactaca ggtgccgctt tcatttcaac tctcacccat      600
ttagggttcg gagccccaca ccacttaac cccaagccca gtggcaaagc ttctgagag      660
gcccggaacc gccagccatg agttctacac caccctactg gtcctcctga aacctgtct      720
ccccaaagac aggccttact gaggacttgg tggggtgctg gtcaggaact gcccggtctt      780
tggggagggg gtgctggctg tccgctggg gagagcctgg gaaaggcatg caggcagatg      840
tggttgagag tccgactctc tgactcttgg gcttaggtga gtcctcagca ggtgccctgc      900
actcctgggt ccctttccca gccagatcac tgctcagcat ctgcagagtc aaggaggact      960
ctcccaaaac catgcacggc cagatggccc aagttaaaag aagatgccag tgactaaaag     1020
caggagtga  ggcagggacg ttctcagaga cctcacacac atcaataaaa tcccgtgaac     1080
gacggtatgc caacagatga gataacatgg acgaaacgga aaaactccaa gaaacacaca     1140
agctagcaac tgactcaagg atggacaatc cgaacgatct ataacaaata catagattga     1200
atcgaatcaa aatcctccca aagacccaag accagatagg cttactggca aattctacca     1260
aaggttctag caagaattaa caccaatctc tctcttccaa aaaaaacgga ggagagaaca     1320
tttcctaacc caatctatga ggctaattat atcctgatat caaaaaccaa ggaagacatc     1380
ataagaaaac accagacca  tatcccttat aaatacagat gtaaaaatcc gcaccaaatt     1440
acaagcaa  acattcagc agcagagtaa atggattata caccatgacc gagttagatg     1500
tattccacaa atggaaactg gctcaacata tgaaaatcaa tcaatgtaac acctcatatt     1560
aacagaagaa cacaggatct tttcaataga ggccagaaaa gcatttgaca aaatccagta     1620
ccctttaagg ataaaaacac ttaacaaatt aggactagaa gggaccgtct tcagctggat     1680
gaagagcatc cttgaaaatc taacagctca catcacatct agtggtgaaa gactgcaaac     1740
gttcccttaa gatcaggaac aagacaagga cgtgtgctct caccaccacg ttcgatcagg     1800
aacgacacga ggacgtgtgc tctcaccacc gcgttcgacg aggaacgaga cgaggacgtg     1860
tgctctcacc accgcgttcg atcaggaacg agacgaggac gtgtgctctc accaccgcgt     1920
tcgattcagg aacgagacga gggacggttc cgctctcacc accgcgttcg atcaggaatg     1980
agacgaggac gtgtgctctc accaccacgt tcaacaaagt gctga      2025

```

```

<210> 8862
<211> 1816
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1572)...(10)
 <223> similar to gil59714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

    <400> 8862
taccgagctt ggacgaagga gaggcggagg ctcaggccat ggtgctggag atgtttcgag      60
aggaggacta ctacaacgat gatgttcttg accagatggg cgccagtatc ctgggcgtgg      120
agggcccccg gcgccaccca gatgagcccc ctgaggatga agtcttcgag ctcttcccca      180
tgttcatggg ggggcttctc tctgcccaca accgagctgt gctagctcag cttggctgcc      240
ccatcaagaa cctggatgcc ctggagaatg cccaggccat caagaagaag ctgggcaagc      300
tgggcgggca ggtgctgccc ccatcagagc tccttgacca cctcttcttc cactatgagt      360
tccagaacca gcgcttctcc gctgaggtgc tcagctccct gcgtcagctc aacctggcag      420
gtgtgcgcat gacaccagtc aagtgcacag tggtggcagc tgtgctgggc agcggaaggc      480
atgccctgga tgaggtgaac ttggcctcct gccagctaga tcctgctggg ctgcgcacac      540
tcctgcctgt cttcctgcgt gcccggaagc tgggcttgca actcaacagc ctgggcccctg      600
aggcctgcaa ggacctccga gacctgttgc tgcattgacca gtgccaatt accacactgc      660
ggctgtccaa caaccgctg acggaggcag gtgttgccgt gctaattggg gggctggcag      720
gaaacacctc agtgacgcac ctgtccctgc tgcacacggg ccttggggac gaaggcctgg      780
agctgctggc tgcccagctg gaccgcaacc ggcagctgca ggagctgaac gtggcgtaac      840
acgggtgctg tgacacagcg gccctggccc tggccagagc tgcccgggag cacccttccc      900
tggaactgct acacctctac ttcaatgagc tgagctcaga gggccgccag gtcttgcgag      960
acttgggggg tgctgctgaa ggtggtgccc ggggtggtggt gtcactgaca gaggggacgg     1020
cggtgtcaga atactggtca gtgaccccca gtgaagtcca gcggaacctc aatagctggg     1080
atcgggcccc ggttcagcga caccctgagc tcctactgag ggatctggaa gatagccggg     1140
gtgccaccct taatccttgg cgcaaggccc agctgctgcg agtggagggc gaggtcaggg     1200
cctccttgga gcagctggga agctctggaa gctgagacac tggcggcagg cacctagcta     1260
tgtgaccact ggcctctaac cttttccctc tgtggcctcc tggcttgca tgcctcctct     1320
agaaagattc cttcaggtct ggaggcagag gaatgggcat agctgagcca gttgccctcc     1380
tagggcatgt ttgaccagga ctgagctctg aatctccaag ttaaagatgg tgaatcaatg     1440
cttcgggctt ggagatggaa catgcctcct ctccattcag ctagaaggac caaagcatgt     1500
ggcatttgga tggccagagt gccctgaagc accactacca accttgctc cccctcctct     1560
caaagagcct ctgatttgtt caccaagggg ctacacatct atgtctgcca tgccaggggt     1620
gtcgccatcc agatgtgttg gaagcttccc ctccctgctt atgtctacct gtggacaccg     1680
aggatgcctt cacattggtg ctttctcctc atcctcatgc cccctttgcc acaatgggat     1740
gatggcttgg tagccctcgc aggcagatgc acctgacttg ctgctattaa aaagccgtgt     1800
gccttcaaaa aaaaaa
  
```

<210> 8863
 <211> 2044
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2045)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (156)...(2044)
 <223> similar to gi4140326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8863
 cccacgcgtc cgcactgttg tcctgaactg aagagctgtg tttttcagga agacttgccc 60
 aggccgtgtt ccgtgtctct ggattcaagt cccaggagtc ctgaccagag agcaggcatc 120
 agtgtttttc tgaccgaagt tctcatttcc tgacaatgga aatggaacaa gaaaaaatga 180
 ccatgaataa ggaattgagt ccagacgcgg ctgcttactg ctgctcggcc tgccacggcg 240
 atgagacctg gagttacaac caccatcc ggggcccggc caagtctcgc agcctgtctg 300
 cctcgcccg cctggggagc accaaggagt tcaggaggac acgctctctt catgggccat 360
 gcccggtgac cacttttgga ccaaaggcct gtgtgctgca gaacccccag accatcatgc 420
 acattcagga ccccgcgagc cagcggtgga cgtggaacaa gtcccccagg agcgtccttg 480
 tcatcaagaa gatgagagat gccagcctac tgcagccgtt caaggagctc tgcacgcacc 540
 tcatggagga gaacatgac gtgtatgttg aaaagaaagt gctagaagac cctgccatcg 600
 ccagcgatga aagccttggg gcagtgaaga agaaattctg tacctttcga gaagattatg 660
 atgacatttc caatcagata gacttcatca tctgcctggg gggagacggg acgctgctgt 720
 acgcttcttc gcttttccag ggcagcgtcc ctcgggtcat ggccttccac ctgggctccc 780
 tgggcttctt gacccattc agctttgaga actttcagtc ccaagttact cagggtgatag 840
 aggggtgagtt ggaatgttct ggagcccaca ggagctctga tcatggcgct gctgtctcgc 900
 ttgcttgccg ggggtttatt ttcatttaat gatgcatgga gcaacattta aaggtttcaa 960
 gattcagggg tttctaaatc ttgagtgggt caaacctttt actgacactg agaagtttca 1020
 gcagatcaca ggttgaagct gccatgtgtg ttgggcagaa gtgagctgat tctcactctc 1080
 agaaggcaca gaagtgtcgg ccgggcgcgg tggctcacgc ctgtcatccc agcactgttg 1140
 gaggtcgagg cgggcggatc acgaggtcaa gagatgagac catcctggcc aacacgggtg 1200
 aaccccgctc ctactaaaaa taaaaaatt agctgggcgt ggtggtgcgc acccgtagtt 1260
 ccagctactt gggaggctga ggcaggagaa tcacttgaac ctgggaggca gaggttgagc 1320
 tgagccaaga tcacaccact gcattccagc ctgggtgaca gaggtagact ccattctcaa 1380
 ataaaaagaa aaaggcacag aagtgtgtca acttgggaga agaaagagcc ctctgactcc 1440
 cactggcctc cctgggggtg ggccttgac cccacttgac ttccctgatg gcattgccct 1500
 cttgacttcc tggctgggac cttcagggaa cgcaagctgt tgtttcttcc gggagttcgg 1560
 cttgaagggt cagggtggtt gaaggagct ccggggggga aggaaggagc ggcggttgca 1620
 caatgggctg ggtgagaacg gcgtcgagc ctgcaggcct ggaacaatgg atgtcgggaa 1680
 gcaggccatg cagtaccagg tcctgaatga ggtggtgatt gacagaggcc cctcctccta 1740
 cctgtccaat gtggatgtct acctggacgg acacctcatc accacggtgc agggcgacgg 1800
 taaggccccg agcacttgct ctggggggcc tgagcgttcc tcgggcggga gtgacgcctg 1860
 cgctgtccc tgcaggagt gatcgtgtcc accccgacgg cagcacggcg tatncggccg 1920
 cggcgnggcc tccatgattc accccaacgt gccggcaatc atgatcacgc ccattctgcc 1980
 ccaatcgctg tcntttcggg cccatcgtgg tccccgagg ttcgaagctn aagatnattg 2040
 ctgg 2044

<210> 8864
 <211> 2139
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (315)...(1731)

<223> similar to gi3004653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8864
gagaaggaaa cccaggctcg gagaaggggc ggttcctgct aaagattgca cagccaatgg      60
agggcagagc agaattggga cccaaggctg ggggccccca gttggaagct ccctccagca      120
agctggccct gacacctgga gccccagctg ccagcctggg aggggctggg acccaatctc      180
ccccaagatt aggccgggga tgtctccac cttactctg acatcccaga ccccgacccc      240
ccagccacgc aggaaggggg atctgagtgt ggaacacacg ggtgccctcg gaggtctgat      300
gtcaccacct tccccaggcc ttgttgctgg tggcggcctt ggcgggcctg ggcttgggcc      360
tgagcctcat tttcatcgct gtctacctca tccgcttctg ctgctgccgg cccccgagc      420
cccccggtc caagatcccc tcgcccgggg gaggtgcgt cacctggagc tgcattgtcg      480
cccttctcgc cggctgcact ggcattggca tcggtttcta tggcaacagt gagaccagt      540
atggggtgtc ccagctcagc tctgcgctgc tgcacgcaa ccacacactc agcaccattg      600
accacctggt gttggagacg gtggagaggc tgggcgaggc ggtgaggaca gagctgacca      660
ccctggagga ggtgctcgag ccgcgcacgg agctggtggc tgccgcccga ggggctcgac      720
ggcaggcgga ggctgcggcc cagcagctgc aggggctggc cttctggcag ggagtgcgcc      780
tgagccccct gcagggtggc gaaaatgtgt cctttgtgga ggagtacagg tggctggcct      840
acgtcctcct gctgctcctg gagctgctgg tctgcctctt caccctcctg ggcctggcga      900
agcagagcaa gtggctggtg atcgtgatga cagtcattgag tctcctgggt ctcgtcctga      960
gctggggctc catgggcctg gaggcagcca cggccgtggg cctcagtgac ttctgctcca     1020
atccagaccc ttatgttctg aacctgaccc agggaggagc agggctcagc tcagacatcc     1080
tgagctatta tctcctctgc aaccggggccg tctccaaccc cttccaacag aggctgactc     1140
tgtcccagcg agctctggcc aacatccact cccagctgct gggcctggag cgagaagctg     1200
tgccctcagtt cccttcagcg cagaagcctc tgctgtcctt ggaggagact ctgaatgtga     1260
cagaaggaaa tttccaccag ttggtggcac tgctacactg ccgcagcctg cacaaggact     1320
atggtgcagc cctgcggggc ctgtgcgaag acgccctgga aggcctgctc ttctgctgc     1380
tcttctccct gctgtctgca ggagcgtgg ccactgccct ctgcagcctg ccccgagcct     1440
gggcccctct cccaccagt gacgactacg atgacacaga cgatgacgac cctttcaacc     1500
ctcagcagga atccaagcgc tttgtgcagt ggcagtcgtc tatctgagcc cctcctcccg     1560
gctggactgg agcctggctc ccctcttctg tccctccctg gctgccggag gagacccac     1620
taaccagacc tgcttgggct ctgaccacta acactcttgg ccatggacag cctgcacagg     1680
accgcctccc tgctcttggc cactgtgctc ccatttctgt ccttggcctt gggagtagct     1740
gagggggcag actagggagt agggctggca ggggaggggg cagacagcct cgcctcgcac     1800
ccttcacccc tggctgccgg tcccatcctt ggagggacta agctgggggt gggggacatg     1860
agtccccctg ctgcccctgc cacatcccag tgggctctga cccctgatc tcaactcgtg     1920
gcactaactt ggaaaagggg tgatttaaaa taaaagggaa gactatttta caagcagctg     1980
ggtcctcctt atttctcctc tcccttgatt cggcctcctg gccagggctg ggacatcctc     2040
cctgctgtcc tctctcccc cgcctcccag ctgccaggaa tttctgcgcc tgtccaggct     2100
cagcaagggg tccaaagaca ttgttcttta aaaaaaaaaa                        2139

```

<210> 8865

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (421)...(483)

<223> similar to gi3043632 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8865
gcccgcggtt gcatgctgcc gggcgccatg gacgcgggat tttcccggtt cgacgatttc 60
gtggcttctc cagtgcgctc tttctcactc actggggagc ccggcggtgg cggcaccttt 120
cgaggtagac ccgctgagct gctagcccgc cggccagcga gtgagaggtc ggacagactg 180
tgagccgcac agactgaagg acagcggcac cggccagcgg ccagaaaagt ccgccatgag 240
ctggggcacg gagctgtggg atcagttcga cagcttagac aagcatacac aatggggaat 300
tgacttcttg gaaagatatg ccaaatttgt taaagagagg atagaaattg aacagaacta 360
tgcgaaacaa ttgagaaatc tggttaagaa gtactgcccc aaacgttcat ccaaagatga 420
agagccacgg tttacctcgt gtgtagcctt ttttaatatc cttaatgagt taaatgacta 480
t
481

```

<210> 8866

<211> 1047

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1036)...(930)

<223> similar to gi2370202 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8866
tttttttttt ttcatttgta ggattgactt taataacacg cctctactga acaaatggcg 60
attaactggg gaaaacggaa ttatggtaac cgaggtaacg gggtcgggga ctctttctcc 120
ttcgtgcat gctgggtggc ggggagagac cgctctgagg aggtttggtc tgtcggccac 180
cccgtaggcc ggggggcatt ttgggtcctg gcaatatggc gtctctcttg atgggctgat 240
gagatgagtt tcaactgtagc tccaaaccag agggcaaagc tcccatgacc caataagccc 300
acattgtccc tttcctccgt ggttccgtgt cgcccgtttc tcaggactcg ttctcaggca 360
ggagagagcc tcggggctga aggccaggac cagccaggcc gcgcggacct gaggttgagg 420
aaccgggtgc aggcgagcac gatgggcccg tcgtggctct gggtgcagca gctcagacga 480
gtgcgggacc cgcagggtcg agagtggctg gaggagaccc agggcccttt gaaccgatc 540
ccttgggccg agacctcagc ccagtcggcc cagtggcgga accggcacca agagcggcct 600
gcctgtcttc ggaactgctg aggcggtgga ggccgagagc aggggtcatcg tgaggcctga 660
agtctcttac gcttttgga gctcccctcg cagcccctct ggaaacgtac agcctcagga 720
gcagccagtg gcttgagacc tgggggtggtg tgtgtctgcg gagcttcttg ggctgcccc 780
tttcctagcg gccccacct cccacttcc cgctcagagt tagagataag gatctcagac 840
ttttgcctga gtaaggtct cgcactctt tatccatttg gttttcgatt tcccgttttt 900
gtttcttatt tcaccaattc tgggacacgc tagtttttaa ggctggagggt tctcgagcgc 960
ttgctgcaa ggactcccc accccctccc ccactgatgg agtccgaaat gctgcaatcg 1020
cctcttctgg gcctggggga ggaagat
1047

```

<210> 8867
 <211> 1196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (272)...(1196)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8867
ccggccggat tcctggggcg catttcgcga ctggggcgcg gagagctgct agggcggttt 60
ctctgcctcg ggcctggttg gcagggccgg ctaaggtgcg cgtgctcgct ggttctaacc 120
cttctgttgg gcgtttctgc ggagaggcgg gaggcgtga gagtctgtgc ggaggtccat 180
gcacagactg ctttgccctgt tgttgctctt cggaggcggc gatccccgaa ggcgagctga 240
aatacggtcg caggctacaa tttgcagccg acgattaagg aagacgacga gcgggagagg 300
tgcccccccc tcatggagcg cttgtgctcg gatggcttcg catttcccca ttactacatt 360
aaaccgtatc atctgaagag gatccacaga gctgtcttac gtggtaatct ggagaaactg 420
aagtaccttc tgctcacgta ttatgacgcc aataagagag acaggaagga aaggactgcc 480
ctacatttgg cctgtgccac tggccaaccg gaaatggtac atctcctggg gtccagaaga 540
tgtgagctta acctctgcga ccgtgaagac aggacacctc tgatcaaggc tgtacaactg 600
aggcaggagg cttgtgcaac tcttctgctg caaaatggcg cccgatccaa atattacgga 660
tgtcttttga aggactgctc tgcactacgc tgtgtataat gaagatacat ccatgataga 720
aaaacttctt tcacatggta caaatattga agaatgcagc aaggtatagg tcaaccaatg 780
ttattttcaa actatctgaa atgcatttat tttaacattg acacatgtaa gggtaattt 840
ttcatatttg gaagctcaaa cattccttga atgaaaatat tttgaaatgc cttactgtgc 900
taagatttta ctttaaatat tggaaacttt aaagaagcat tatagggaac agcctttttt 960
catgcactta tggtaaataa ctataaaaac aaatgaatta caataaattt ataattcatg 1020
acaactgaat ttgggaaagg taatagttaa gtgtttttcc cctaaattac tttttttcta 1080
atcagtgtga agtgacacag gaaagtaaaa ttgtccctta taaataggct ttattttaaa 1140
tgtcaaagaa aattaaagaa tttcccaata aatgtacatg ttgttgctgt tgaaaa 1196

```

<210> 8868
 <211> 987
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (84)...(990)
 <223> similar to gi3445181 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8868
tttcgtggcg gagcggaggg gaggcgtgc caggcagggc cggttcgtgc ggaaccgcca 60

```

tggccgagcc	ggcttcggta	actgtgacat	ttgatgatgt	ggccttatat	ttttcggaac	120
aagagtggga	gacccctggag	aagtggcaga	agcaaatgta	taagcaagag	atgaagacca	180
attacgagac	ccttgattcc	ctgggggtatg	ctttttccaa	gccagatttg	atcacatgga	240
tggaacaagg	gagaatgcta	ttaatcagcg	aacagggatg	cttagataaa	acaagaagga	300
caactagccc	tcctactgat	gaacagttga	acatgaagaa	tactggaaaag	ttgctatgtt	360
ttgatgacga	aggaaactccc	aggacaaaag	aagaggattg	ccgtttaaat	ggtcctcaaa	420
aacaggactt	gtgtgctgcc	ttacgagggg	aagagagaaa	gattttatta	gtcacaacag	480
ccaccttcca	gtctccaagt	ctccgagaaa	cagagattct	aaataaaaaa	gtcagcatca	540
cagcatatga	tccagacaag	aaagacctgc	ggcataagcc	tcgggagacc	ccagggcgct	600
tagaaattcc	cacagggcca	agatgctatt	cctgctatgt	ctgtaggaaa	gtcttccaag	660
taaggaggga	tttgctaaag	cacaaacgga	gccactcca	gagccagctc	tgcagatacc	720
caaagtacaa	aaactcgtcc	agagggaagt	ccgaactcag	gcgagacgcag	aggctcctgt	780
gtcagaagaa	gcggttccag	tgcatgtgag	gtgagaagag	ctacttcctg	aagggcagcc	840
tcgtcactca	tcaggttgtc	cacaccggcc	agcgccctta	cccatgccct	gagtgcgaca	900
agaccttccg	gtacagggcc	aacctgaaga	agcacctgtg	tctacaccgc	ggggagcggc	960
cgttctgctg	cggggagtg	ggccggg				987

<210> 8869

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (115)...(551)

<223> similar to gi5478765 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8869						60
cggacgcctt	gcccccgctt	cctttcacgc	tgctgctgcc	cgtaggtggt	tgtggccact	120
gtgcccggag	ggaggcgggc	gtggccagta	atgcctggga	aactcctctg	gggggacatt	180
atggagctgg	aagcaccctt	ggaggagtcc	gagagccaga	agaaggagag	gcaaaagagt	240
gacagaagga	agtcaaggca	ccattatgac	tcggatgaga	aatcataaac	aagagaaaat	300
ggtgttacag	atgacctgga	tgctoccaa	gccccaaaat	ctaaaatgaa	agagaagcta	360
aatggagaca	ctgaagaagg	attttaatag	actttcagat	gaattctcca	aatctcataa	420
agtcaagaag	aaaagatcta	ccaaatggag	atattagatg	aatattgaaa	aaaattcaaa	480
gccgagtatc	atcttttagat	actttacttc	ataaatcaag	tgataataaa	ctagaggaga	540
ccttaacacg	tgaacagaaa	gaaggagcct	tctccaattt	tcctattttt	gaagagacta	548
taaagctt						

<210> 8870

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (142)...(595)
 <223> similar to gill36434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8870
 ggtccctttt tttctgcctt tttgtttccc tccggcgggt cggcgcgagg gtgaatttcc 60
 gtttgcggcg gtgtccaagc ggacctaagg agtcgcagtt gtgaacagggt tagagttact 120
 tgttattggg aaatagccac tatggagact aaggaccaga agaaacacag aaagaaaaac 180
 ggtggacca aagctgcaaa gaaaaagaag tggcatctgc aggatctcca gctaggagac 240
 taagaaaatg cccagaagag aaatgccaat gcttttgtag ttcagtctgc tgtgtggatg 300
 tctcgatcct ttcacaggac tctggatttg aagacacaaa agcatcatat tccagtgggt 360
 gatggaactc cactagagcc gccaccaata ccggtagtgg tgacggggcc tccaaagttg 420
 gaaagagcac tttgatataa tgcctcattc ggaacttcac ctggcagaag ttcaccgaga 480
 tcagaggccc tgtgacgac gtgtcaggta aaaagcgcag actcaccatt attgaatgtg 540
 ggtgtgacat taacatgatg attgatctgg ctaaagtagc agatctggta agtgagcagg 600
 ggcagcctgg ggtgctgatg gagacttaca gcattgtggt aggttattta ccccgtagtg 660
 aagggaagag agttttgtga ttattaaaag gatcatggtc attatcaggg atatagtaga 720
 tgtgattgaa ttgatgatga taataatatt agtaataaat gttgtcatat taataatata 780
 aatggaatgt gcacaaaaaa atgtgttcca aaatctaaca gcatgtatt 829

<210> 8871
 <211> 1932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (306)...(1066)
 <223> similar to gi4836950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8871
 gtaggacagc ccctgacgcc attccctttt gcccttcttt ctgcgggcct ttccgggtact 60
 tgagcgggtg ccagagcgtg gccagttctc gtctatctgg ctgccttttag ggagcgggtg 120
 ctagcgttgg ccaatagtgg gctgtcgaaa gtgcgggccc ccgcgcgggc gcctgcagca 180
 gccgggtggg aaggctcaag atggcgtgct tgttgagagc cccaatccgc atgagcgtcc 240
 tttcggacca ggaatgaaag ttactgggag ataacttoga aggattttgc aacaaattcg 300
 agctgtccga ctctgagaat ggaagtaaca gctagcagtc gccactatgt tgacaggcta 360
 tttgaccctg atccccagaa agttctacaa ggtgtcatag acatgaaaaa tgctgtaatt 420
 ggaaacaaca agcagaaagc caatctcatt gttttaggag ctgttccaag attgtgttac 480
 ttgcttcagc aagaaacctc aagcacagag ctgaaaactg aatgtgcagt ggtgttgga 540
 agtcttgcta tgggtactga aaacaatgtc aagtccttac tggactgcca tattatccct 600
 gccttattgc aaggactact gtccccagac ctgaagttta ttgaagcttg cctccgatgc 660
 ctgcgtacca tcttcaccag tcctgtcact ccagaggagc tactgtatac agatgccaca 720
 gtgataccac acctcatggc actgcttagc aggtcccgtc ataccaggga gtacatctgt 780
 cagatcttct cacactgctg taaagggcca gatcatcaaa caattttatt taaccacggg 840

```

gcagttcaga atattgctca cctactaacc tcaactgtcct acaaagttcg aatgcaagca 900
ctgaaatggt tctcagtttt agctttttgaa aacccccagg tatcgatgac cctggtaaata 960
gttttgggtg atggagaatt gttaccacag atttttgtga agatgttaca gagggataag 1020
cctattgaga tgcagctcac atcagcaaaa tgtttaactt acatgtgtag agctggagca 1080
attcggacag atgataactg tattgtatta aagacattac cttgtttggt tcgaatgtgc 1140
agtaaggaga gattactaga ggagagagtt gaaggagctg agacacttgc ctatctgatt 1200
gaaccagatg ttgagctaca gagaatcgct agcataactg atcacctcat tgccatgctt 1260
gctgattatt tcaagtatcc cagctcagtg agtgccatca ctgatattaa aaggcttgat 1320
catgatttaa aacatgctca cgaactccgc caggctgcat tcaagctcta tgcctctctt 1380
ggagcaaagt atgaagacat ccggaagaag gtgagctctg gagaggggag tccccagtc 1440
ctgacagcca gcaggcaggg agtgacgtca acctgaaagt cgtggtgaag agcactaaca 1500
gtgactgttt gaataataa aagcagagtg actaaaggca taattgaaga atgaatggga 1560
cccggatttg gggggttgtt tgtttgtttt tagaacatag agtggcatgg ccgtgctgga 1620
atgacaaata actggcgtgc tttttttttg tgtcattaat atgaattatt atgttgca 1680
tttttgcatg tgttctgata aaaatcaatt ctgacactgt gaagcttcag acaccttgaa 1740
agtccaaaca ttaaaattgt aaatgttatt tatggaaata ccttccaatg ctattgagaa 1800
attcaaatct ctattgtata ttgttctttg atatgtggct tagttttatg ttttgatttt 1860
ttttgctact gggcaagttt aatgtgaata aaatctttgt ggaatgatga ttttatgttt 1920
aaaaaaaaaa aa 1932

```

<210> 8872

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (738)...(1102)

<223> similar to gil255433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8872
tttttttttt ttggcttttg attttgtttg tttttttgtt tcatttggtg gttcatctgc 60
cttttaaccc attcaccaaa atttaccttg ttaacaagca tcaccaatga acatttcaga 120
gcaatctgca tatttaacag acctaaaata aatcctatta ggcaagtcag ttgaaaatgc 180
tcgtgctgct aatggaatta gagtgcgttc attttacagg ctagtatttt aaaagtagaa 240
atcaaaatct ggcaccgaag catgctaatt gtttactgta ccttggtgag ttttcaactca 300
taaatttaaa ccagtgtatt tttttagaac tggtttgtgt atatatatag tgattatgga 360
tactaattca atgtaattta taattttcta tgtcaatata aaaatacatc acagccttct 420
caaacagctc aagcaatata ttgtatattg ccataatgctc tgggtgaaagg gttaaattac 480
ttcacctctt gcaacttttag atgcaaatca gtttttcatt tctgtaatag aaaattattc 540
acgtattttt acatcatttg tttttcctga ccagtattta aaaccaaag gatattctga 600
aaaatggcca acaatttttt tagaagtagc atcccaagca gogtgcctaa acattacatt 660
gcatatggaa ataaaagaat caaacgtcta atgccttatt tctgatttcc tttttcattt 720
taagtgggtg ggagattcca gcaactccag gacagtggag tcagcagtaa gccctgggac 780
aggtggcaag ggtgggtccc ttgaccttg cagccttct caggaacccc ctttcccggg 840
tgagcccctc tctgaagaga ctgtccttgg gcctcctctg gaagcagcac cccagagga 900
cagggctcct cctgcttgcc tcagggctgc ctgacttgaa tggcggttga cctcggggat 960
tactggtaga taatatgctc tggctctgcc tgggtgtgag ttttgccagc catggccagg 1020
gtttggctcc actggtggca caggtggcct ccgtggtatg gacctggtgg cttctccatc 1080

```

ccactgtggc ctctgtggta tggacctggg ggcttccg

1118

<210> 8873

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (424)...(427)

<223> similar to gil334398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8873
tttttttagtt agattatctt atttttatctt tattatttta tttttgctag taagatgtag 60
gagtttctta cacatttttg aaatttacca attattaaat atatgatttg caaatgttgg 120
tttctatttc ctaggttgcc ttttcattct gttgtttgct atgcagacag tttttagttt 180
gatgtatttc tacttgtata tatatttttt tggtgcctg ttctttctgt ataattccaa 240
gaaatcattg taaagaccaa tgccacaaag ctattccttc tgtttcttct aagagtttta 300
cattttcagg gcttatgttt aagccttttt ttaaatttta atacaatttt agttgatttt 360
tctgtatgct ttaaggcaca tgtccaattt ctttctttgc tttctttctt ttgttccttt 420
ctttttctct ctatctc 437

<210> 8874

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (209)...(962)

<223> similar to gi3877201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8874
accgggtcga cgatttcgtc gtttgtgccc ggggtaaccc cgttccggcc aagccgcttc 60
agcgggggac gtagccatga aggaagagaa ggagcacagg cctaaggaga agcgagtaac 120
cctgttaacc ccgcggggg ccacgggcag cggtggtggg acctcggggg acagctccaa 180
gggggaagat aagcaggatc gcaacaagga gaagaaagaa gcgctgagca aggtggtaat 240
tcgaagatta cctcccactt tgaccaagga gcagcttcag gaacatcttc aacctatgcc 300
tgagcatgat tattttgagt ttttttctaa tgatacgagt ttgtatcttc atatgtatgc 360
cagagcatat atcaacttta aaaaccaaga ggacattatt ttgttcaggg atcgctttga 420
tggttatgta ttccttgaca ataaaggcca ggaatatccc gctatagtag aatttgcacc 480

ttttcaaaaa	gctgcaaaaa	agaagactaa	gaaaagagat	accaaagtcg	ggactatcga	540
tgatgatcca	gaatatagaa	agtttttggg	aagttatgcc	acagataatg	agaaaatgac	600
atctactcca	gagacactgc	tagaggaaat	agaagcaaaa	aatagagaat	taatagctaa	660
aaagacaacc	ccacttttga	gcttcctgaa	aaacaagcag	agaatgagag	aagaaaagag	720
agaagaaagg	aggaggagag	aaatagaaa	aaaaagacaa	agagaagaag	agaggaggaa	780
atggaaagaa	gaagagaaac	gaaaaaggaa	agatatagaa	aagctaaaga	agatagacag	840
aattccagaa	agggacaaat	taaaggatga	accaaagatt	aagctgctca	agaagccaga	900
aaaaggagat	gaaaaagaat	tggacaaaag	agaaaaagcc	aagaaattgg	acaaagagaa	960
tctcagtgat	gaaagagcc					979

```

<210> 8875
<211> 1100
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(761)
<223> similar to gi3287681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8875						60
aaaaagcgcc	ggcaattggg	gtcgcagctg	gagatgctgc	ggccggcagg	gctctggcgc	120
ttatgtcgcc	gaccttgggc	ggcgagggtc	ccagcggaga	atcttggccg	tagggaagtc	180
acctctggtg	tctctccccg	cggtagcacc	tgcgccagaa	ccctgaatat	tttcgaccgg	240
gatttgaaaa	ggaaacagaa	gaactgggca	gcccggcagc	ccgagccgac	caaatttgac	300
tacctgaagg	aggaggttgg	aagtcggatc	gcagaccgtg	tatatgacat	accagaaaat	360
ttcccccttg	ctttggatct	tggttgtgga	agaggttaca	ttgcacaata	tttgaataag	420
cttcagttat	tccattgcag	gaaactattg	gaaagttttt	ccaagctgac	attgcagaaa	480
atgctttgaa	aaattcctca	gaaacagaaa	tacctactgt	cagcgtttta	gctgatgaag	540
aattccttcc	cttcaaagaa	aatacatttg	acctggtggt	tagcagttta	agtttgcatt	600
gggtgaatga	ccttcctaga	gcacttgagc	agattcatta	tattttaaaa	ccagatggag	660
tgtttatcgg	tgcaatgttt	ggaggcgaca	cactttatga	acttcggtgt	tccttacagt	720
tagcggaaac	ggaaagggaa	ggaggatttt	ctccacacat	ttctcctttc	actgctgtca	780
atgacctggg	acatctgctt	gggagagctg	gctttaatac	tctgactgtg	ggaaaagctc	840
tgattgacaa	tgttttagttt	gtataacaca	tcttaattga	cacaagaagc	aaggggcatg	900
ggcaagcagg	gcccctgatg	ttggaaagga	gcctccaggg	agggaagaat	taacaggctg	960
gaggactagg	ctgggaactg	aaaagaaccc	cggaggcttc	acacctgtga	ctagtgttga	1020
tcttttgttt	actttttaat	ggcctgagtc	catagaaact	gcatcctgag	aggttgctcg	1080
gctagaaagc	ggaaaaccgc	ttcacatgag	tgctctactt	tgtaatgaaa	ataaacacta	1100
ttaatacagg	caattgtaaa					

```

<210> 8876
<211> 2300
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc feature
 <222> (1129)...(1591)
 <223> similar to gi3063699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8876
 ttttttttgg tggctactta agattttttcc agacaacaac gtgcgtcatt tttgcctttg 60
 agatgtgttt ctttctgcct ccattccagc cacagtccca tcctggcagt gagcaaattcc 120
 cacacgcagt tctagcagga cgctgaggct cagctgcaac atggggcagc caggaagatg 180
 cctgaggagg tgccaggcac acaggaggca ctgggacaga ctcgggcccg gggtgcaggc 240
 tgcagcaacg cccacccctc tacttccagg cacagcccct ccgtctcaca ggacagagac 300
 agggccggct cagcggctgg tacacactgc tttatttggt ctttttatta ttatttttaa 360
 gttcacctac agctgcagta cacacacacc gctttatttg gctagctgct attcagaaga 420
 cacttctga attcaggaaa aattttttta aaaacctgag aacaattcct gtgacttctt 480
 agctttgatg aagtgcattt actttgacat tgatatagct tgtaactact tttggaattt 540
 ttttttccct aacactttga tctcattaag ggtattacac cttttccacc agaaaatgca 600
 gaggtatcat ctttcttgga aaccaattga aagcgtccca ttttaacaaa atgacataaa 660
 attacaaaca tttacatggt taaattcaaa gcctgatcca tctggtggta agaaatgtta 720
 acttatttta aaagatgtat ttgcattatt aaaatatagt aacgacttcc atctttacat 780
 caaaagaaaac gggcttgcct aagcaatggc tcccagctct ggggaggggt tgagccacgc 840
 ccttgccggg gccgtcccaa gctctgactt caaaagttgg agtttcccag ctgcgaacag 900
 ctggtcaaaag gcaactctca aagttcaagg aaatgccgtt ttgcggatgg ccgcagcagg 960
 cctgtggggc tggggacagc gccaaggagc tggccgttgg ttcttgagat gtcctgctc 1020
 tgccgtgttc taaggacctg cgagctggag ctcttctcgg gaaaaagaaa acgctgggga 1080
 ggccctccgt tgggcgggtc aagccagata accaggcttg tactggcttc agcagaagcc 1140
 gcgctgtttc ctccctcccc ctctatctcc ttctttccct tctgtctcct ccttccccct 1200
 ctgtcctgat gccctgcagg ctgctgggga ggagcctgcc gcctgcctcc tgccctcccta 1260
 gaccgtgtt ctccccacag ctctcccccg gagctgtccc ccagcaggcc acacctgggc 1320
 ccaggctcca gacctgcccg cccacacagg agtcccctct agccggagct ccgccccctg 1380
 ttcccagggc gtccctgggca ggtcagtttt cccatctgtc aaccaggaac attccaaggc 1440
 tcttctgtcc tcaactgctgt ggtttccccc ctccaccca ggcaggaaga gaatttaaaa 1500
 gccccgcagg ccttgcccag gatgcctgtg agagggagaa ctggaaagcc agtatcaggc 1560
 agaccctctc ccggttggac ctgggcgctg gctccccgca gggaaaggcc tgctgtgcct 1620
 ggggcagggg accagcagtg gcagcagttc cagattgtca gagctgggga gggcctccaa 1680
 gagctgccag agctgatttt ccagagaggg aaactgaggc ccagagaggc agtgacgagc 1740
 tctacctccc actgcaaggc agatcagagc tggggttctc gctcctcaa gtgcagttgg 1800
 ggcttcggag ctcgggcctg ggctgggagc tgggttagacg tacagaacct caggccctgc 1860
 aagtcaacag cacccccagg ctgctcatta gggagttaaa gttgagaagc actaagctga 1920
 cccggccccc cctggagaga tgggcccagg actgagggaa cagcgcgggt gcaccttcca 1980
 cagcagaacc ttccggaagt gttgtggcgc ggatgccagg aggggctcgc ttgtgtcacc 2040
 tagtcctcgt gagccctccc cactgtggag agcgggcaac caagaggggc acgcatttca 2100
 ggctccagaa gaactgggca ggctccccgc gttggggagg aggcgcccgc ggcccaggcc 2160
 caagcacctg tgggtctaca cagctaactg cccccaccag caaccatgac cgccagtgcc 2220
 tggcccaggc cagcgcggtc tgaaagtgga tttgaaaggg cagaattgaa taacgggagt 2280
 gactgcggtt tggaggtgcc 2300

<210> 8877
 <211> 916

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (361)...(919)
<223> similar to gi5051782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8877
cgaaaggggg ctggaaacag ggaaactgga gcttggtact aagctgcttg aggtttctca    60
gaaggggtat ggcccaggag ggggtggggcc agaaaccctt aaaccagAAC tgaaatgtct    120
cactaagcag ctaggaaact ttatgtaagt taaacctctt tcccatccac ccactcacct    180
tcagtcccca aaaagtaaag gcacaaaaca tagcgtttgc ccacaggcca ccagttctct    240
gggggttgagg ggctgaccc attgcaaagt cctaagtcag tagctgaggg taggagacgg    300
ctgggagtgC agtcagggtt ctcccttccc aggtttgatg ggtccttctt ctgggggtcag    360
gtaatgaaag tcttgCggca caagtacctc atcaacttct atcgggccaat tgagagcaca    420
tctcgagtat acatcattct ggaactggct caggggtggg atgtccttga atggatccag    480
cgctacgggg cctgctctga gccccttget ggcaagtggg tctcccagct gacctggggc    540
attgcctacc tgcacagcaa gagcatcgtg caccgggtgag ggcgctgcca ccagactgg    600
ggcctttgcc ctcaaggggg ttttatgcac atctccatt tctgtcctt ttttcctctt    660
tcgaactccc tcctcaatat ctagcctatt catgcactct attttaatca tatgggtcaag    720
gatactgata aagtactcac tgtatgcaaa gcattttatg aaatacaatg gtgagctccc    780
ggtgggtcctc agataccatc ctctgtctct ctccctactt tgggctctgc tcacaactcc    840
atggctttcc ttcctctcta ccttggtgcca tcataatggg ttctacctcc cacttcctct    900
gtcctcatct ttaccc                                916
```

<210> 8878
<211> 1201
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(1049)
<223> similar to gi5689535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 8878
cccgtgtggt ggaattcggg gcggcgggcg cccctcgcag cagctggccg gcgggcccc    60
ccagcagttc gcgtctcca actccggcgc catccgggcc gagatccagc gcttcgagtc    120
cgtgcacccc aatatctacg ccatctacga cctgatcgag cgcacagagg atttggcgct    180
gcagaaccag atccgggagc acgtcatctc catcgaggac tcgtttgtga acagccagga    240
gtggacgctg agccgctccg taccggagct taaagtgggc atagtgggga acctgtctag    300
cgggaagtca gccctgggtg accgctatct gacggggacc tatgtccagg aggagtcccc    360
tgaagggggg cggtttaaga aggagattgt ggtggatggc cagagttacc tgctgctgat    420
ccgagatgaa ggaggcccc ctgagctcca gtttgctgcc tgggtggatg cagtgggtgtt    480
```

tgtgttcagc	ctggaggatg	aaatcagttt	ccagacggtg	tacaactact	tcttgcgtct	540
ctgcagcttc	cgcaacgcc	gagaggtgcc	catggtgctt	gtgggcacgc	aggatgccat	600
cagcgctgcg	aatccccggg	ttatcgacga	cagcagagcc	cgcaagctct	ccacagatct	660
gaagcgggtgc	acctactatg	agacgtgcgc	gacctacggg	ctcaatgtgg	agcgtgtctt	720
cccaggacgt	gggtataatt	gactctgctg	tcccctgcag	tggcccagaa	ggtagtggcc	780
ttgcgaaaga	agcagcaact	ggccatcggg	ccctgcaagt	cactgcccaa	ctcgcccagc	840
cactcgcccg	tgtccgccgc	ctccatcccc	gccgtgcaca	tcaaccaggc	cacgaatggc	900
ggcggcagcg	ccttcagcga	ctactcgtcc	tcagtccctt	ccacccccag	catcagccag	960
cgggagctgc	gcatcgagac	catcgctgcc	tcctccaccc	ccacacccat	cggaaagcag	1020
tccaagcggc	gctccaacat	cttcacgata	tgtgccactg	tttccaactt	ttcatcaaca	1080
aaaaggcctt	tccaactcct	tccaaattag	aagaccagtt	ggtgacacac	agcacctctg	1140
gacatgcccc	ctgtgcgggg	ccggaggcgg	gccgggccct	gggactgctc	tcagatgaga	1200
						1201

a

```

<210> 8879
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (154)...(726)
<223> similar to gi3046746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8879						
ccggctgaag	cgcccgggcg	ccgattgggtg	tctttgagtc	tagtcttttg	tcggggctgt	60
ccaaaggacg	ctagctgttg	cacctgttcc	tccctgcgcg	taagatagag	gataaatctc	120
ctggcaaagc	ccagaatgac	cacagccctg	gaacctgagg	acaaaaagg	acttctgata	180
attaaggcag	aggaccatta	ctggggacag	gattccagct	cacaaaagtg	cagtcctcac	240
aggagggaac	tctatagaca	acacttcagg	aagctctgct	atcaggatgc	acctggaccc	300
cgtgaagctc	ttaccagct	gtgggagctc	tgccgtcagt	ggctgaggcc	agaatgccac	360
accaaggagc	agattttaga	cctgctgggtg	ctagaacagt	tcctgagcat	tcttctaaa	420
gacctgcaag	catgggggtgc	gtggcacacc	atccaaagac	tggagaggag	gcagtgcagg	480
tactggagga	tctggagaga	gagcttgatg	aacctggaaa	gcaggtgtga	aggggcagtc	540
atctggctgt	cccaggcaat	tcagaaaagac	gggacatact	catggacaag	ttggccccct	600
tgggaaggcc	atatgaatca	ctgactgtcc	agctccatcc	caaaaagacc	cagctggagc	660
aggaagctgg	gaaaccacaa	aggaatggta	agcaggaaca	gttctgagtg	tatgagggca	720
gaggtacttc	cttaggttag	aggaaaactt	tctcactttc	atcttctcct	tttaaagatt	780
tctgcttggt	cctccacctc	actatggaca	attttatcct	cctcttacct	ttgctccatg	840
atggagttat	at					852

```

<210> 8880
<211> 1564
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (215)...(1153)
 <223> similar to gi1931579 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8880

tttcgtgccc	tcgccgccat	ttcaagaccg	tactaggtag	atggtcaatt	agagttccca	60
gggtttgaag	cctgtaactg	ctgccgccgc	tcaagccctc	cagagcattg	ctacggctgc	120
tgcccttgta	ctactacctc	caaatacggt	cttgctggtg	gtggcggcag	caggaccaat	180
tacctctttt	ttgtctcccc	tcgagaagct	ccagatggcg	tcttccgtgg	gcaacgtggc	240
cgacagcaca	gaaccaacga	aacgtatgct	ttccttccaa	gggttagctg	agttggcaca	300
tcgagaatat	caggcaggag	atthttgagg	agctgagaga	cactgcatgc	agctctggag	360
acaagagcca	gacaatactg	gtgtgctttt	attactttca	tctatacact	tccagtgtcg	420
aaggctggac	agatctgctc	acttttagcac	tctggcaatt	aaacagaacc	cccttctggc	480
agaagcttat	tcgaatttgg	ggaatgtgta	caaggaaaga	gggcagtgtg	aggaggcaat	540
tgagcattat	cgacatgcat	tgcgtctcaa	acctgatttc	atcgatgggt	atattaacct	600
ggcagccgcc	ttggtagcag	cgggtgacat	ggaaggggca	gtacaagctt	acgtctctgc	660
tcttcagtac	aatcctgatt	tgtactgtgt	tcgcagtgc	ctgggggaacc	tgctcaaagc	720
cctgggtcgc	ttggaagaag	ccaaggtagg	tgthttgatg	aacacattta	aacatcagta	780
ttatgaaaaa	ttgtactttt	tgccaagtct	tcaactcttc	attgagctat	cttcacaaaa	840
cagtcctatg	aaactgagga	aaactgacgg	catgaatcgc	ctcagactag	agcagggcca	900
ggcttttgca	tatctgttct	aaatctgggg	gtaaagcaag	aacctgaaca	ttttggagcc	960
tttctgctga	gctagaccat	ctttataaca	ctgggctccg	tcatgatctt	atgtgggaat	1020
aaataacatt	ccttcaaate	tgaggcttgc	ctgctgggtg	caagcagagc	gcctgtgatt	1080
tggtctcaaga	ctcctatatg	atgcagggtg	cattgaaaat	gctgctcttc	taagtccttt	1140
gtggcttgta	agtggagaag	aatttcatcc	aatgtttacc	ctgtaatact	ggcattttaa	1200
attcttattt	aaccttcttc	ccttcatctt	cctcaccctt	tttacagtgg	aagaaaggct	1260
gttaaaatga	ttacaaatta	ataattggaa	catcctgtcc	cttgtcccca	ctcccttccc	1320
aagttccttt	ttcctctttt	ccaatcctag	ttgtctacct	tcttttcttc	ctcattttct	1380
tctttttatt	ctccccaccc	caacccctta	aaaaaaaagg	cagaaggaca	aagctggttt	1440
gtttgggaaa	tggactgatc	gaaagaaaac	ttgccaaagt	ggaaagggtg	cttttagcat	1500
tctgtgtttc	caaataatga	atttgaacga	attccccgcg	gtnnnnnagt	gctatcaatc	1560
caat						1564

<210> 8881
 <211> 651
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (308)...(532)
 <223> similar to gi415891 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8881
tttttttttt tcgtatttct atttgtttta tttgctttct gtggtgtcaa atttggggtc 60
tcctagagcc ccagccccag gcagaaatcc ggcataatcct tctccgcctg gggggcccgg 120
gacacaggag tttcagaaaa ggcactggca aaagttctag ggcaggggtc agggagaagc 180
caccactgag cctgggaggg accgggccct ccttcggcgg cagaaaacac agtcaccttt 240
gggcagggaa ggggttttttc ctaagaaatg aaatttaaga caagataaaa acctgacgat 300
gtagagaggag cccgccagaa cctaagccgg tgctcccctg gggcagggca ggagagtga 360
ctcggttttc caaaggcttc agggggaggt tttgcccggg cccttcagcc agggtttcag 420
attgccacag gccttgga caagaaagcc taattcaa atctatgttg aatctccttg 480
agacaaagtg tcacgacaca aaacccccag gccccagacc ccacctctga atggcttggg 540
ccagacgctg gtctggatcg tcaggaccac ggccactacc cagtgaacaa ttctgtccc 600
tttttgtgtt ctgtgagcac tggagaggca ggcacttctg tgggtaactg g 651
```

<210> 8882

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (473)...(563)

<223> similar to gil869901 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8882
acagagcggc ggaattcaaa aagtagtgcg atgagcgccc tgttgagaga aagaactgca 60
aactggccat gcttattttt aagctggagc tccacaagtc ctactgtggg agccggacag 120
agctctggca aggctgtggc cagctcatca tgcaccgcat gctcgcccag cacagagctg 180
tctgtcggag tgaacaggcc cagctcggga aagaaaccag tcctgatcca ggaaaatgtc 240
tctccattac ggttgctgct gccctgagtg cacatctgtg gccataaagg aaatgatgtg 300
ggtgattcgg ccaagagttg cctgtgtggt caaggatgcc ggcagcgag gaaagtcaag 360
accaggggaa agaatttcag ctctgaaaag ggaaatctac tgtcattatt gcaaccaa 420
gattccagaa aataagtatt tccaccatat gggtaaagtgt tgtccagact cagagtttaa 480
gaaacacttt cctgttgga atccagaaat tcttccttca tctcttccaa gtcaagctgc 540
tgaaaatcaa acttccacga g 561
```

<210> 8883

<211> 955

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (375)...(661)
 <223> similar to gi5712087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8883

tttttttttta	agacagggtc	ttgctttggg	accaggttg	aagtgcagtg	gcaagatcac	60
actcacggta	accttgaact	cttgtgctca	gcctccgaag	gtgctgggat	tacaagtgtg	120
agccaccaca	cccagccctt	ttcttaggga	tatggcagcc	atccccctgtc	ccccaagctc	180
ctacaggact	ctctggagtc	ctgtgattcc	ccccatgccc	acccttgccc	ttgtcacccc	240
gctgtcccaa	gagtggacag	acttaccaga	gggcgatgag	tgaaaggagt	tgaggttggg	300
cttgagatca	ggcaagttgg	gttatcttga	cctcttggtt	tggtgacatg	taagggacgc	360
tgctgcttgg	ggcatgggt	ggcgtggggt	tccctggcag	tggggaactg	gggatagccc	420
gggattggaa	cgggtaagct	gtaagggttg	aacacaaaca	gtcaaggcag	attgccaggg	480
tggtatgggag	tggagtctgt	tcacggcgca	tccactggga	accatgataa	cagagggtgga	540
catggaaggc	gccccagggg	tgcctgctcg	gtcgccctct	ctccatatgc	ccaccctgtg	600
agcctcccgg	cccatectcc	cggccaggcc	ccctacccca	ctcaggccag	gttggctgta	660
gctgacgctg	cccccgttga	agctggcgcc	ctgcccgttg	aactgctctg	tgggctgcgg	720
gagagaaaac	tgcatgcacc	tggggctcca	acctgacccc	tgccggggccc	cctggacctg	780
accctagaag	cccaccatac	acgggtcttct	ttacactctc	ttgcattttc	caaataatct	840
acaagtaaca	ctacttaaag	caatcatagc	cacagaggaa	aatgatcaaa	caggttggag	900
gggctgaaaa	gacaaaagca	cgctaagccc	tcctcctctc	ctttctcctg	cctcc	955

<210> 8884
 <211> 2597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1091)...(0)
 <223> similar to gi3037018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8884

ttttttttttt	ttttgaatgt	caaaaagggt	ttattatata	atatatatat	atgaaaatct	60
atgaaaccaa	aagctctccc	acaaaagatg	atttaatgaa	gacattcatt	gttcttgaag	120
agaaatacaa	atgatctttg	aacaacacag	gtttgaaatg	ctaagtttca	cttatatgca	180
aactttttttc	aaccaaacac	aaataaaaaca	tatggtatgt	gagggatgca	aaaccctcaa	240
ataccaagga	ccgacttttc	atatggcata	gggtcccatg	atctggcagg	ggcattggct	300
tgggattttg	ggtatccacc	aggggtcctg	gaactagata	ccaagggagg	actgcactcg	360
gtattgtcgg	tctctccaaa	tcagtcctat	aaatgttgtg	caacccatat	caaaacttca	420
agagatgtgc	tcaccagcag	ttaaccaatt	tttatagaac	atgaggaagg	ctttacccaa	480
atctgagaac	ataccaaagt	aatgcatcat	ttactaggaa	tatggaagag	ctcagtgaaa	540
gaatttaaca	cataatgaaa	cagcatttca	aatcagacat	atgagtggac	ttttcaataa	600
atgaattttg	aacagatatt	ggaagcagcg	ctgtttcact	cttcagaaaa	atcaattcta	660

aagatctaca	tgtaaactac	tcacacagaa	acatgtcgta	gaggaaaata	catgacgtga	720
aatgagcaca	tgtaaacata	ggaaaacata	cactgtaaat	gtcttagaaa	ataatttgct	780
ttatattcctg	aaataagtca	tgaaaattaa	tcaatttgat	tgtatacaaa	tataaaacat	840
ttattttaaac	agacaccatg	taaaattaaa	gccaaatggc	taagtaggag	aaaacattgg	900
caacagacat	aaaatacaga	aaatacaaga	gaactcctaa	caaataccatg	agataaaaagg	960
acaaatcatt	caatagaaaa	atgagaggaa	aaagaaaatt	aacaaatggt	tatatgttct	1020
aaaataaaca	tacaaaaata	tgtccatctt	cactagttag	aaatttctga	tttaaaacca	1080
aaataatttt	ttcagagtaa	ttaaattaca	aaaatccaat	agcaagtgtc	attaattaca	1140
tggggaagca	gatgctcata	tcttgctcag	gggaactgta	acttgataca	gccattctgg	1200
aacccaaatg	gaagtatctc	ttcaaattaa	aaatgggtat	actctggcct	gaaattcaaa	1260
tcctaagcat	ataccacaga	gagagcctta	tatgtacaaa	aagggtcat	gtaggatgat	1320
gttcctttca	gcattgtttg	taattataaa	ggaataaaaa	gaaggaaacc	ttccttaagt	1380
gtctattata	ggcaaagtac	tgttgacag	tgcacaagag	attaggtaaa	tgtgaatgta	1440
ccaaaataaa	aaactcccaa	gtagaaatag	caagttgtac	aataatatac	atacacgtat	1500
gtaaaaatcg	taactataca	tttctgtgg	ctgtagataa	tatatacaca	ttcctacatt	1560
aaacactcat	aaaaacactc	taaaagaaga	tctaggagag	ttaaaactat	tacttctaca	1620
gaggatattg	ggactgaaga	tggttttcaa	aaagcacaca	agcaaaatgt	agtcatatat	1680
tacatgagta	attaaaaaac	tgaaagagtg	tgcacagatt	gatataattt	aaggaaaata	1740
tagataaaat	tatatattct	atttctttcc	ctcccttgat	ggaaacagta	catgaaagggt	1800
tctagaagat	tacctgccaa	aatgatgtat	actatctaaa	tatatctctg	gtaacaatac	1860
acttaagtct	ttatgtcac	tttaaaaaga	gaagaaaatt	cagttcatga	tttctgtaag	1920
caatacaatt	tcagttcaca	gctcttatca	ttttgtttta	gttatttaca	atctttacta	1980
ggtatagaat	tatatattgg	gattttgcc	tattccaatt	tagaatatag	tatttaggaa	2040
agaggaaaat	agttttttta	attagaactt	aagtcagtgt	taacatttct	gtcagtggct	2100
ttaataagtc	aatacacatt	tctaaaagaa	aaacgaaatt	gagtacaata	accacattgg	2160
cttatttct	tagtagttta	tttaattctat	cttacatcat	taaataaaaa	catgaatatt	2220
aaaagatatt	actggtaaat	gccttttgag	gaactgcttct	tttgagagatc	attctacaaa	2280
actctcttac	cctaacaacg	aacgagaatg	ctactgggtg	tcatattcaa	accactgtgt	2340
ttcatgaaag	acccaacttt	tgagggtata	aactaagaat	agttttttaga	gcgctatgct	2400
ttaaagaact	gcttattttt	aattcatgta	ttgcaaaagt	cttgaaccat	aaaaaaaaca	2460
aaacaatgat	gatgagaaaa	aaagaaaact	ccagggtctac	ctgggtttgc	aatgggtgtg	2520
aaagaaaagt	atactcagca	ttttcttccc	aaattaaaag	gtccccccca	aaaaagtgtg	2580
gccaaaaaaa	acaaaac					2597

<210> 8885

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(383)

<223> similar to gi2197085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8885

tgctcaccag	tctactaatt	cctatcttaa	gttggttagag	aagatagaaa	aagtacacag	60
cctgcccagc	tccttttatg	agggcagtga	aatttgaatt	ccaaaaccag	ataaagataa	120
ttacagaaaa	tgatcagttc	atgccactta	caggctactg	aatgcaaaaa	tcctgtgtaa	180
ggattttgct	gactggatcc	aacagtgtat	taaaaataat	ttataatgat	tagttagggt	240

ttatcctgga	aggcaaggat	ggctcaaagt	cagagaaatc	tgtcagttta	atctccatat	300
atgggtgtag	acagaaagtc	agtcatttga	ttttttttat	aagggtccat	agctatatat	360
gattaaaact	ctgagaaaac	cagt				384

<210> 8886

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (354)...(773)

<223> similar to gi2065209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8886

gtcagaatat	aaagcaggca	gaaaaaacgt	gaaaagatta	gactggctta	gcctcccagc	60
ctataccttt	ctcctatgct	ggatgcttcc	tgctctcaaa	catcagactc	caagttcttc	120
aggaactcgg	gactggcctt	ccctttcctt	gccagcttgc	cagatggccc	tattgtggga	180
ccttgtgatg	gtgtgagtta	aaactactta	ataaactctc	ctttatatat	aaatatatat	240
atctattcca	ttagttcttt	ccctctagag	aaacctaata	cagatttttg	taccaggagt	300
gattctacag	gaacagaata	ttaaggatgg	agttcttttg	ttgggttttg	ggtttctgga	360
gttggctgct	taatatgatt	agaacccaaa	atgctaagga	ctctacttct	aatagtatat	420
ggaacactga	tagtccttgg	tgtgaactgt	ttagagagtt	atgcaaaata	aatgcatttg	480
gacacacctg	aatcatcgct	cgtgagaggc	aaggagttca	gtgactatac	ataatacaat	540
tgaccatac	gtggaaaacc	aaggaacata	atgaagctag	ttggttgctc	ctaagttcag	600
tggacaaagt	catgaaagaa	aatgatgaac	tcagggattc	tagctcccag	gcttcagaag	660
cagatattga	acctaaaatc	tgctaagatt	gccctaagtg	agagtcttat	ctcctgtaga	720
gaaagagctg	aaattgtgga	aaaacagcca	caagctctta	tcataaaaagt	aactggcc	778

<210> 8887

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1478)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1049)...(1324)

<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8887
tttttttttt ttgacggtct tcagggtttat ttcttaaattc aattaggaaa taaaaccaca 60
gtgcccagga aagttcacat gagacgccac ggtgtctctt gccatggccc caccactcca 120
ggggccaggg ggtgctgctg gagggaggac agacggacag gcggcctggg tggccggccc 180
cagaaaggct ggcgtggatg ttcgagatga gccaccagcg aagccagtag ggatgtctgg 240
gccgtcctgg tgggattgtc tgggacatcg ccaccaacac ggtgtcagag ccatcagtgg 300
ggacatcgga ggggccacca ccagggtggg tatattcaac aggctagaac ccctgaggct 360
tgagaggcca acccccgga ggagacctcc cctgacctc ctgctgcctc tcctgtggga 420
ccctccagta gacacaccag atgaggacac ccaggaggcc tcctcccagg acaggaggca 480
gtggtctggg cagccacgca gtgcagggtt cagggccctc cagcaggagc tccatggaga 540
tggtctaaatg gggacatcaa ggcaggggct gacagtgggtg acatccaagt ggtcacagtc 600
aattccggaa gctttcaggg catcaggagg ggaagggtggg gctggggaaa tgtgacagga 660
acgggggaagt gcaaaaggca attggcctag cctgggagat ttccagttg gcctggggga 720
cccccgctc ctccattcag caggaggggc ggagggcctg cttggaagtc acatggagct 780
gcagcatctg gaacccaaca gccacaggag gcctggatcg gggctccgta aggcacagcc 840
gagagggagg tggggaggcc ccagtcagag tccaggggccc aggggagatg attcctgcag 900
tccccaaaag cagctggacc ctacacaaga tgcagctccc aggacacgcg tgttccactc 960
tcggcaggag aggagaggaa aaaggaaaagg ccgggccaga ggctcacgcc tataatccca 1020
gcaactctggg aggccgaggg cagcggatca cctgagggtca ggagttcaag accaacctga 1080
ccaacatggt gaaaccccgct ctctactaaa aatataaaaa ttagctggac gtggtggcgg 1140
gtgctgttaa tcccagctac tcaggagggt gaggtgggag gatccctga accccaggag 1200
gcagagggtg cagtgcgagc agattcccc cctgcacttt aggccgggca gcaaagtgcag 1260
actttatttt taaaaaaaaa gaaagaaaga aagaaaagaa aaagagggaa gagttaaggc 1320
cagacaggga cagggatgga aggagccaga ggctgaaaag caggagaggagg aggcagacac 1380
aggggcacca aggcagcaga gaggcacggg ttcctctgag gttccagttt ctcgnngtcc 1440
nccgnaggg cntnagggtca tcaatnnggn cacgcct 1477

```

```

<210> 8888
<211> 2034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1251)...(1809)
<223> similar to gil209103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8888
ggcacgagtt ttgtttgatt attttacata gacaaaagaa ctcatattac ttactttgct 60
acatttcaac atctttcctc agcttatttag ctctatttct tttctgtctg taaatggata 120
ttgctgattt gttctttgag acagggtctt gctctgtcac caggctggac tgtactggca 180
taatcatgcc tcactgcagc cttgacctcc caggctcaaa cttccgcatt ccgaatagct 240
gggactacaa gtgtgcacca ccacccccag ctaacttttt tcttcttttg gatagagaca 300
gggtctcact gtgtgtgtcca gaccggtctc tagctcctgg ccttaagcaa tcctcctgca 360
ttagcttctc aaattgtctg aatttcaggc atgagccacc gtgcctggcc tgggctagtc 420
ctatattctc tagagttctc ttacttttgt gctagtcaat ctctcattat gctgttcacc 480

```


tgttataatg	aataattctc	tgtattaaat	tttaccactt	taaacttttg	agtgggttat	540
gcttcctgat	tggactctga	ctaatatgtt	aggaaggggc	ccaggagata	aacccacaca	600
gatgggattt	gggcagtgtc	gagctctttg	ccagtgggaa	atgggatgct	ggtgatttcc	660
agtaggtgac	ctcacagtga	ctcaagctac	cacttactgt	tgattgtgac	gaaatgccag	720
ctgaggcaca	tgccttgagg	gctaagtggg	tgctgcactt	gaccactgtg	aagactgggtg	780
tgggaagaag	ggtcgtttct	gatgcacttg	agcagggggc	cccaacccct	gagccatgga	840
gccgcaagga	gccacacagc	aggaggtgag	tgggtgtcgag	tgagggagtg	aggggaagctt	900
cgtctgtatt	tacagccact	cccctttgct	cacattcccc	cctgagctcc	accttctcag	960
atcagcagca	gcattagatt	ctcataggag	aatgcaccct	gttgtgaacc	gtgcatgtga	1020
gggatctagg	ttgcgtgtgc	cttatgaaag	cctaatacct	attgatctgt	cactttctcc	1080
catcacgctc	aggtggggacc	attcagttgc	aggaaaacaa	gcttaacacg	cccactgatt	1140
ctacattatg	gtgagttcta	taattatttt	attatataatt	acagtgtaat	aatggaaata	1200
aagtgcctaa	taaatgcaaa	tgtgcttaca	tcttttgggc	cagctcctac	ctcccggcag	1260
cctctccagg	cccagaactt	tctccagtca	gcctctacag	accaagctca	tgactcacia	1320
tggcctattt	aggcccatac	cctacgtcac	ggcagcctcc	gcagatgagc	ctactgcctc	1380
acaacagcct	ccacaggcac	agctccatcg	ttacaatggc	ctcttttagac	ccagctcctg	1440
cctcccagcc	ttctctccag	gccctgaact	ttctcaagtc	gacctcacca	ggcccagctc	1500
atgcttcttt	gcagcctctc	caggcccagc	tcctgcatct	tgggtggccc	tccaggccca	1560
gcctctgcct	cccgctggcc	tctacagtcc	caacatctgc	ctcacagcag	attcttcacg	1620
cccagcatct	gcctcactgt	ggacccccca	agccaagctc	ccaacctttc	agcagcttct	1680
acacacccag	ctcctgccac	ccagtggcct	ctttaggcca	agctcatgct	tcacaagggc	1740
ctttccaggc	ccaacttttg	tctcatggca	accttccctg	gccagattcc	tgctgtgtct	1800
ccagcagcct	agacaggccc	aggtcttgcc	tcacactggc	ctctctacat	gcagcttatg	1860
cctcacggtg	gcctctccag	gcccactccc	tgtcccagga	cgctcatctc	gggccccaaa	1920
cttactcaag	tcagactctc	tagtcccac	tgctgcctcc	tgggtggccta	tgaaggccca	1980
aaatctcctc	aagttgacct	gttccaggtc	ccagctcctg	cctcctgtca	gcgt	2034

<210> 8889

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(462)

<223> similar to gi4775349 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8889

gcggccgcca	ggaggagcct	cccgactcgc	gcttctcccg	cggtctctcc	tgaggttccc	60
ggaccctgca	gctcctccgc	gggtttggac	ttgaaggaca	gtggtttgga	gagtcctgct	120
gccgcccagg	cgcctctgag	agggcagtac	aaggtgaccg	cctccccgga	gacagccgtg	180
gccggagtgg	gtcatgagtt	gggtaccgcc	ggagacgcgg	gagcccggcc	ggatctcgcc	240
ggcacctgcc	aagcagaact	gaccgcccgc	ggctccgaag	agcccagcag	cgccggcggc	300
ctcagcagca	gttgacgcga	cccagccct	cctgggggaat	ctccgagcct	ggactctctg	360
gagtcgttct	ctaacctgca	ttcttttccc	agtagctgcg	agttcaatag	tgaggaggga	420
gcggagaaca	gggtccctga	ggaggaggag	ggcgcgggcg	tggtgcccgg	ggctgttcct	480
ctgtgcaagg	ag					492

<210> 8890
 <211> 1564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (516)...(1554)
 <223> similar to gi3641352 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8890
gatcttttgg ttaactggct gcacatatac cttaataacc aggattcggg aacaaaggca      60
ttctgcgatg ttgctctcca tggaccattt tactcagcct gccaaagctgt gttctacacc     120
tttgttttta gacacaagca gcttttgagc ggaaacctga aagaagggtt gcagtatctt     180
cagagtctga attttgagtg gatagtgatg agccagctaa atcccctgaa gatttgcttg     240
ccctcagtggt ttaacttttt tgctgcaatc acaaataagt accagctcgt cttctgctac     300
accatcattg agaggaacaa tcgccagatg ctgccagtca ttaggagtag cactggagga     360
gactcagtgct agacctgcac aaaccactg gacaccttct tcccctttga tccctgtgtg     420
ctgaagagggt caaagaaatt cattgatcct atttatcagg tatgggaaga catgagtgtg     480
gaagagctac aggagttcaa gaaacccatg aaaaagttgt tctggagaat catgtagcga     540
cagatgaaga cgaacctgct ttgaaacgcc agcgactaga aatcaattgc caggatccat     600
ctataaagtc attcctgtat tccatcaacc agacaatctg cttgcggttg gatagcattg     660
aagccaaatt gcaagccctg gaggtacttt gtaaatectt agaagaaaag ctggatctgg     720
tcacgaacaa gcagcacagc cccatccagg tccccatggt tgccggctcc cctctcagga     780
caaccacgat gtgcaacaaa gtgcgatggg atctgaaggg agccgagctc cttctgcaga     840
agggcgctga gaaggagct ggaaggaaaa gaaggaaaca ttccttcctc aactggagga     900
agacaacgcg gccacacaca gaaccagcgg ccccaggacc gtcaccctgc gtgcccgggc     960
ctgtccctcc tgaccccagg attatagtgg cgaggcaggg tgttagccaa gcggtattgag    1020
ccaggacaca acaccgcgga gccctgcagg cgagtcctcc ggaggctgag agcaaaccgt    1080
tgactatgga acccagcagt cagaccggcc cccaccctgg agtgaacaca tcgccactgc    1140
caggcatcgc agggaggatt accccaatgg cacctggctg ggcgacgaga acaaccccca    1200
gatgcgggtg cactgcgcca tcatccctc cgacatgctg cacatcagca ccaactgccg    1260
cacggccgag gagatgggtg tcacgctgct ggactacctc ttccaccgcg aggtgcaggc    1320
tgtgtccagc ctctcggggc agggcaagca cgggaagaag cagctggacc cgctcaccat    1380
ctatggcatc cgggtgtcacc ttttctataa atttggcatc acagaatctg actgggtaccg    1440
aatcaagcag agcatcgact ccaagtgccg cacggcgtgg cggcgcaagc agtggggcca    1500
gagcctgggt gtcaagagct tctcgcgag aatgcccaac tcatcctcct actgccctcg    1560
tatt

```

<210> 8891
 <211> 929
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (18)...(893)

<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8891

cagaacccct	tgaatgaagg	ggaggccggg	tccccttgag	gaaggatccc	actacattac	60
caacaattta	tgcagtgaat	ctttctccca	tccttcccca	agacctctgg	ccttttacca	120
gggtaactgt	gcactgggga	aagggaatg	atcagacatt	tcagggaacta	caggatactg	180
gctctgagct	gatgctgatt	ccaggggacc	caaaacgtca	ctgtagtcct	ccagttaaata	240
aggggcttat	ggaagtcagg	taattaatgg	agtttttagct	caggctctgac	ttacagtggg	300
tccagtgggt	ccccggactc	atcctgtggt	cattttccca	gtgccagaat	gcagaattgg	360
cagagacata	cttagcagct	ggcagaaccc	ccacactggc	tccttgactg	gtaggggtgag	420
ggcttttatg	gttggaagg	ccaaatggaa	gccatgagag	ctgcctctac	ctagaaaacc	480
agtaaatcaa	aaacaatatc	gtattcccgg	agggattgca	gagattagtg	tccatcaaaa	540
acttgagacg	cgggggtggtg	attcccacca	catcccgggt	caactctccc	atttggcctg	600
tgcagaagac	agatggatct	tggatgaacg	cagcggatta	tcgtaagttt	aaccaagtgg	660
tgactccaat	ttgcagctgc	tgtaccagat	gtgggttcat	tgcttgagca	aattaccata	720
tctcttggtg	cctgggtatgt	agccactgac	ttgacaaatg	cctttttctc	cattcctggt	780
ccaaggccca	ccagaagcaa	tttgtcttca	gctggcaagg	ccagcaatat	accttcactg	840
tcataacctca	gggggtgtatc	aactctccgg	ctttgtgtca	taatcttatt	catgtcatat	900
tcttattcgg	agagaccttg	gtcgcatctt				929

<210> 8892

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (320)...(992)

<223> similar to gi2664429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8892

cccacgcgtc	cgagctgctg	tgtctcttcg	tcgtctggga	agaaaacttt	cacattaaga	60
gttgctgatg	cggattttct	ttctttcctc	tcccggcggt	gatgagtgtc	tggctcctga	120
cagaagggat	ttggctccca	gctttgtagt	tcggaagaag	ttgggtctat	agatttcccc	180
ctaactctcc	attgatgtgt	tgagcttcag	aggggaataat	aactctacgt	aaagcatgct	240
ggcgtctcaa	ggagttctcc	tgcaccttta	tggcgtgcct	atgattgtac	cggcagctcc	300
ttaccttcct	ggactgattc	agggtaatca	ggaagcagcc	gctgccccctg	acacaatggc	360
tcagccttac	gcttcggccc	agtttgctcc	cccgcagaac	ggtatccccg	cgggaatacac	420
ggccccctcat	ccccaccccg	cgccagagta	cacaggccag	accacggttc	ccgagcacac	480
attaaacctg	taccctcccg	cccagacgca	ctccgagcag	agcccggcgg	acacgagcgc	540
tcagacgtc	tctggcaccc	gcaacaaaca	agattgacgc	agcaccgacg	gatggccaag	600
ccccaagaca	caaacttctt	gaaaacacgg	aaaacaagtc	tccagcccaa	gcgggctgca	660
tgtctccaat	atcccccttca	gggttcocggg	atccggacct	cagacaaatg	ttttggtcaa	720
tttggtaaaa	tcttagatgt	tgaaattatt	tttaatgagc	gaggctcaaa	gggatttggt	780

ttcgtaactt	tcgaaaatag	tgccgatgcg	gacagggcga	gggagaaatt	tacacggcac	840
cgtgggtaga	gggccgtaaa	attggaggta	aattaatgcc	acagcacgtg	taatgacaaa	900
taaaaagacc	gtcaaccctt	atacaaatgg	ctggaaattg	aatccagttg	tgggtgcagt	960
ctacagtcce	gaattctatg	caggcacggg	cctgttgtgc	caggccaacc	aggagggatc	1020
ttccatgtac	agtgccecca	gcacagactt	cagaggagct	aagctgcaca	cttccaggcc	1080
tctgctgtca	ggcagctgag	aatctgactg	cctctcctcc	cctattacaa	ttcatgttta	1140
aagtcatagt	cgcccagggtg	tatt				1164

<210> 8893

<211> 1597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (155)...(1588)

<223> similar to gi2317963 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8893						
cctgctggga	acccctgaa	acaaagccag	cttccttttc	caaaacacag	tgcaaagggg	60
ccctgggcag	ctgcctcact	gctgtgtcct	cgtcacatgg	tgctagcatt	ggcttactga	120
acataggacg	gccctctgag	acctgatgga	ttatggaggt	tacagagggg	tggctcggcc	180
tcagacactc	agcacagtcc	ctgccccagg	ctgctgcctc	cacaccacag	cgctctgcaa	240
ggtggccctc	atctccctgg	gtcttccctt	gggctgaaac	tgctgttgga	aaccccaggg	300
aaacctactg	gttcagctct	tcagtcattc	agctgtgact	catccattct	ttcactgagg	360
acacagcaca	gcccagcctt	gggccagggtg	ctggagcttc	gggtaaaatg	ccttggaagc	420
tccaggctctg	atggagcaga	caccctcctg	tagatctgat	ggaggagata	cccttctgtt	480
taactcatat	catagactcg	aagctccagg	agcacggagc	cttgcagcgc	ctcctgcatg	540
aggaaaggaa	ggaatgagtg	aacggaaggg	aagcgcgagc	ttcagttgcc	aggagaccag	600
ctggccccta	gacatctcca	cccgaactgg	agcaccaggg	caggacaagg	tcaggagggc	660
agggttgac	tgggagctag	cggcccctga	gccagttaag	gcctttgtgg	atgagtggag	720
caggtggctc	ctggggcacc	tgtcctcacg	cctggcccca	acttgccctg	tgtccagcca	780
ggaggtgggt	accttctagg	gctccagctc	agagcctctg	ggagtagtgc	tgggttctgg	840
gagaggaagt	gcaagagggc	aggcaggagg	gagaagggct	ccctgcctct	ccaacaacct	900
gcagggtctc	aggaactgca	agccactcat	cggggtgcag	ctgccccacc	acaggggccag	960
gctctgccgc	caccgttcta	ccttgggaaa	ttggactccc	aggaagctgg	aggggctgcc	1020
cgagggtccc	aggagacagg	aggcagaagc	tgagcttgag	ttcctcctgt	ctccccactc	1080
ccccagctgt	ctatgggccc	tggggtccca	gcactgaagg	gtggagaggg	gagggaggct	1140
gacggtgtgg	gaggggtggg	tactgttttc	acctcagtag	aagccctccc	ctcttccctt	1200
gtgcagccta	cgggagctgc	cctgggtgtt	ccccttgtaa	ttccactgaa	gtcatggggg	1260
aggggctgct	gaaggctgga	cctgccctct	tcacccagct	ccccagggca	ggccccacat	1320
aggtcctcaa	agaggtgacc	tgtgggggct	gcagggggca	ctattctgca	cacaggggtg	1380
ttcctgccac	tcaggccctt	gctttgatga	ggaggccccag	ggacccaaag	tgtgggggtg	1440
agggcgcccc	acagcacggc	acccgtgagg	ggactggagt	tcttgagtta	cctgtgcctg	1500
gctgctctct	ccagcccccg	gggcatgggc	gccggtgtac	tggcggcggc	ggggaagcag	1560
gcagctcttt	cccaggagga	cgcccagagt	attccat			1597

<210> 8894
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(412)
 <223> similar to gi2653303 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8894

gggtcaccag	acgtggaccg	tgtgccagcg	ctttgtgcac	tgtaaagg	tggttcatt	60
ttacttggcc	cctggtattt	tcgtgggtcg	ctctgagccc	atcccagact	cttttggatc	120
gcattttctcc	agcccaggat	cccaaaacca	gaccagcagg	acaactaccc	cggcactgcc	180
accgcccgtt	tccacagtcc	accacagcc	gttgcgccct	cctccattcc	ccagagccca	240
tcaagcacc	tctttacca	caaaccaccg	gacgttttcc	ccccagccgt	gacttccaca	300
acccccaaact	aaatacaagt	cggcacaccc	ccttccttcc	ccgcgccaaa	ccagcgtggc	360
cgcccactcg	tcgcaccacg	gtccagcagg	tccagcaggt	ccccaggagg	gcccacgaaa	420

<210> 8895
 <211> 983
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (282)...(984)
 <223> similar to gi4584086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8895

agcatgtgca	tgggacacaa	cgctgtctct	tcgagaatcc	ctatggcaca	gacctgggaa	60
agacagtaag	actctgtttg	tagacagcct	ttgtgggtac	cgggctactt	tcccaggcgt	120
ttccatcagt	ccctcctgcg	gagaggggtg	gagagcaacc	ctggtatata	ccatctcgaa	180
gagctggcgg	ggcgaagatg	cgaagtggct	gggccttgcc	ttatcctccc	gccccacaac	240
tccgtccttc	tctggaaaag	acgcccacag	tgctgcaagt	tccgcctgca	gtaattccgc	300
gacttccaca	agagcgtgag	ggctgaagag	gcaagcggca	cccctcccgg	cctcaccagg	360
cgcaacgtca	gagcggaggg	tctgaacctc	cggccctgcc	tctccagccc	tctgccctcc	420
tggctggctg	gagtccattc	cccattccgcc	cgggtgggca	accagatgca	gccaaagtag	480
cgaaagagca	tgccgggatg	ccaacccgtg	cagccctcag	caaatcactc	aacttctcta	540
agcctcaate	ccgcccggga	actgggacta	acagaacaga	cgcggaacaca	ctgaatgtcg	600
gcccttcctc	ccagccccgg	tcaagggctc	agccaacgcc	gcggcgccag	cgccacgagc	660
gcaggaaaact	acaggtccca	aaatgcagcg	cggccaatcc	gccgacccgc	ggccccgagg	720
gcggcttggg	gcctgccggg	agctgtagtt	tcgaaaaacc	gcaacgcgcc	tacgagccgc	780

tcgggtaaaa	gaaccacttg	tagggtcact	gagactcact	gtcacttgt	ctccgcgcg	840
aaccttccag	aaccggggtc	cctcaggaac	tcaaccgact	ccagtcgagg	gccgccaccc	900
gtccccagct	gtcagccagc	tcagagtttt	cgcgggcaga	ggcgcgcagt	cggcgctgag	960
cccactgcac	ttccgcccc	cac				983

```

<210> 8896
<211> 1399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(1390)
<223> similar to gi5640017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8896						
tttcgtggcg	cgtgtgcggg	gagttgaatc	tcccgtcccc	ttgaggctgg	ggttgcgtct	60
gttgacgcgg	ccgactacaa	tcccgaggga	gactcacatt	gggacttgtc	ctcctcctcc	120
tggaattttt	gggggctcgt	cagcatggac	agcgagtcag	ccatgggtgg	aagggaaggct	180
ttctcacagc	tcccttgtgc	ttcccacagc	cctgccagcc	gggaacacgg	aggggaaggga	240
ggaggagctt	aaaagaggct	actgaacccc	agttggccat	ggctgaggaa	tttgtgaccc	300
tcaaggatgt	cggcatggac	ttcaccttgg	gagactggga	gcagctcggg	ctggaacagg	360
gggacacgtt	ctgggacaca	gcgttggaca	attgccagga	cctcttcctg	ctggaccccc	420
caagacccaa	cctgacctcc	caccagatg	gcagtgaaga	tctggagcct	ctggcaggag	480
gaagcccaga	agcaacaagc	cctgatgtga	ctgagaccaa	gaactctcct	ctgatggagg	540
atttcttcga	agaaggattc	tcccaggaga	ttatagagat	gttatccaag	gatggcttct	600
ggaactccaa	tttcggagaa	gcctgtatag	aggacacctg	gttagatagt	ttgctaggcg	660
atccagaaa	tcttctgagg	tctgatattg	ccaccaacgg	ggaaagtccc	acggaatgca	720
agagtcatga	attaaagaga	ggactcagtc	ctgtgtccac	cgtttccacg	ggagaagatt	780
ccatggtgca	taatgtttct	gaaaagaccc	tcacaccagc	taagtctaag	gaatataggg	840
gtgagttttt	ctcctactcc	gaccacagcc	agcaggattc	tgttcaggaa	ggggagaaac	900
catatcaatg	tagtgaatgt	gggaaaagct	tcagtgggag	ttaccgtctt	accagcact	960
ggatcactca	tactaggagg	aaacccactg	tccatcaaga	gtgtgagcaa	ggttttgacc	1020
ggaaggcttc	ccattctggg	tatccgaaaa	ctcacacggg	ctacaaattc	tatgtgtgta	1080
atgaatatgg	gacacctttt	agtcagagta	catacctgtg	gcacagaaa	actcacgctg	1140
gagaaaaacc	atgtaagagt	caagatagtg	accaccacc	cagtcatgac	acacagtctg	1200
gtgagcatca	gaaaactcac	acagatagta	agtcctacaa	ctgtaacgaa	tgcggcaagg	1260
cttttaccgg	gatcttccac	cttactcggc	accagaagat	ccacactcgg	aaacgctatg	1320
agtgttccaa	gtgccaggcg	accttcaact	tgagaaaaaca	cctcatccaa	catcagaaaa	1380
ctcacgctgc	aaatgtatt					1399

```

<210> 8897
<211> 652
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (36)...(651)
 <223> similar to gi1322378 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8897
taaatctgcg cgaagaaaca ctgcgccaat catgtttctt tatcgatgtg ccataagaaa      60
cactcgccca atcacgtttc ctcatcgagc ttccgtagga aatattcgtc taatcacgtt     120
tccccatgga gctgccgtaa gaaacactca cccaatcacg tttccccatc gaggtgctgt     180
aagaaacact cgcccaatca cgtttcccca tggagctgtc gtaagaaaca ctcacccaat     240
cacgtttccc catcgagctg ccgtaagaaa cactcgccca atcatgtttc cccatcaagg     300
tgccgtaaga aacactcgcc caatcacgtt tccccattga ggtgccataa gaaacactcg     360
cccaatcacg tttccccatc gagctgccat aagaaacact cacccaatca cgtttcccca     420
tcgagctgcc gtaagaaaca ctgcgccaat catgtttccc catcgagggtg ccgtgagaaa     480
cactcgccca atcatgtttc cccatcgagc tgccgtaaga aacactcgcc caatcacgtt     540
ttccccatcg agctgccgta ggaaacattc gtccaataac gtttccccgc caccttctac     600
cttctctccag ctgccgtaag aaacactcac ccaatcacgt ttccccatcg ag              652
  
```

<210> 8898
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (330)...(712)
 <223> similar to gi473935 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8898
gagaccaggg gagctgtcaa ggctgcggcg gggaccagag aggagcctgg cgggggtggc      60
tgggtggctg ggggaatccc cccaacttcc catcgcaggg gcagctctct cggccgccta     120
tttctccga aacccgcgct gcggagcagc ccagtgcata gagttcaaca cttccccttg     180
ttgtggaaag taaaggagcc tcaactaccac ctttttttct ttgcgttttc ttactgctgg     240
tcctggggagc cttttccttc ggagcagcag ccctgtccgg catctgtctt gagctcccag     300
caaggaaagt ccatcagctt gataatggag gagaacaatg actccacgga gaacccccaa     360
caaggccaag ggcgcgcagaa tgccatcaag tgtgggtggc tgaggaagca aggaggcttt     420
gtcaagactt ggcatactcg ctggtttgtg ctcaaggggg atcagctcta ttatttcaaa     480
gatgaagatg aaaccaagcc cttgggtact atttttctgc ctggaaataa agtttctgag     540
catccctgca atgaagagaa cccagggaag ttcttttttg aagtagttcc aggaggcgat     600
cgagatcgga tgacagcaaa tcatgaaagc tacctcctca tggcaagcac ccagaatgat     660
atggaagact ggggtgaagtc aatccgccga gtcatatggg gacctttcgg aggaggcatt     720
ttc                                          723
  
```

```

<210> 8899
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (705)...(9)
<223> similar to gill184100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8899
gcaagcctgg cctatcccct gtagggggtg ggtgaggggc gaggctgagg aagaagagaa      60
ggggaatttg ggcgcttgag gggattataa tttctttaa aagaggggag gggagaggcc      120
atggccgtcc cagccaagaa aaggaagatg aacttctcag agcgggagggt ggagatcatc      180
gtggaggagc tggagctgaa gaagcacctg ctggtgaacc acttcaacgc cggggtaccc      240
ctggccgcca agagtgcggc ctggcacggc atcctgagaa gggtaaacgc cgtggccacc      300
tgccgcagag agctgcctga ggtcaagaag aagtggctctg acctcaagac cgaggtccgt      360
cgcaaggttg cccagggtccg ggccgccgtg gaggggtggtg aggcgcgggg gccactgag      420
gaggacggag ctggggggggc tgggacaggc ggtggcagtg gcggcggttg cccagctgta      480
gccccagtgc tgctgacccc catgcaacaa cgtatctgca acctgctggg cgaggccacc      540
atcatcagcc tgcccagcac cacagagatc caccctgtgg ccctcggacc ctcggccacc      600
gcagccgcag ccacgggtcac cctgacacag atccccacag agaccaccta tcacacgctg      660
gaggagggcg tgggtggagta ctgcacggct gaggcgcccc cacctctgcc accagagacc      720
cctgtggaca tgatggccca gcatgcagac acgtcggtca agccgcaagc gctcaagagc      780
cgcattgctc tcaactccgc caagctgata caggagcagc gggtcaccaa cctgcatgtg      840
aaggagatcg cacagcacct ggaacagcag aacgacctac tgcag      885

```

```

<210> 8900
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(983)
<223> similar to gi206712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8900
taagcttaag gatctttact ttcagtttag ccagagtgga attagaacag ggatatcatt      60
aacagccagc caggacagaa gcgaaggcgt ctcagaagca acttgggtgga ccagcctcag      120
gaaccccggt tcatgcctgc acttcccacc ttcctgcctg gggagaggcc caatcccctg      180
agggaccctg gagagcccac gaccagggcc gccagcccct gccagcaca ctgcaggccc      240

```


agctgcccct	tcccagggcg	atgtgtctag	gctccggaga	cagcccagtc	caggggtgggt	300
ctatgtctgc	atgcagccga	ggattttccgt	caccctggcc	atggggctgt	tccacacctg	360
ctcctgggat	ccagcagtgc	agcccgcaag	aacagaccca	accggggcca	agcctcaggt	420
tccagaagcc	accctgcct	cctgcccctc	cttcagggcc	ctagatggct	gtggcctgga	480
tcagggctgg	gcagaggggtg	aggcaggagc	cacccacact	tctgctgggg	acacagacaa	540
ggagctctcc	ggactggaaa	gagtccccat	gtccagtggg	tcagggctgg	aaggggagac	600
aggggacccc	atcagcttag	ggggcctcgg	attctgtcca	aacccttcc	ctcgaggacc	660
tggctgccag	ctggaaactc	agctgggtccc	caaggccaga	gcccccttga	gcttccagag	720
cctcgatccc	cctggacttg	acacccccga	tgggcacctg	ccagcctcac	tcccgggacc	780
caggatgatg	ccccaccag	gacctccat	gtggacccag	gcacgtggcc	tccaggaggc	840
tgggtgccag	ccaccagag	acacaagcca	gctgctgatg	gtggacaggg	tgggtcatga	900
actcagggag	ccaggggctc	gcctctcccc	gggaaggtgg	gcgcagcagc	agggagcact	960
tggcagcact	cgacccggga	att				983

<210> 8901

<211> 1396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1397)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (276)...(732)

<223> similar to gi558052 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8901

ttgaaaccag	caccttcct	ttctctgagt	cctgcctcct	tctgcagaag	ggagctcaaa	60
agaactttgt	tgttttgct	tttactctgg	ggtgaaagcg	gcaggaggta	tgtgagatgg	120
tgaatgatt	tgtttctgcc	atgctggggg	cacgggtgga	tgcacctaaa	ctctcggtgg	180
ccccctcagt	agttttggaa	gaggaccaag	tccttgtctc	tccagcagtg	gacctggaag	240
caggatgccg	gctcagggac	ttcaactgaga	aaataatgaa	tgtcaaagga	aaagtaattc	300
tgtcaatgct	ggttgtctca	actgtgatca	ttgtgttttg	ggaatttatc	aacagcacag	360
aaggctcttt	cttgtggata	tatcactcaa	aaaaccagga	agttgatgac	agcagtgtc	420
agaagggctg	gtggtttctg	agctggttta	acaatgggat	ccacaattat	caacaagggg	480
aagaagacat	agacaaagaa	aaaggaagag	aggagaccaa	aggaaggaaa	atgacacaac	540
agagcttcgg	ctatgggact	ggtttaatcc	aaacttgaag	gaatccgaat	aactaaactg	600
gactctgggt	ttctgactca	gtccttctag	aagacctgga	ctgagagatc	atgcggttaa	660
ggagtgtgta	acaggcggac	cacctgttgg	gactgcgaga	ttctcaaggg	gaaggactgg	720
gtctcatttc	tccatctca	gcgcttagca	ggatgacctg	gtatagagca	gggaactggg	780
aaatgtgggt	caggggatca	gacactccag	ttgggtcttt	tatataaatt	aaatggcaaa	840
aggctccata	cccttctcct	tctttcctac	cctccacttt	atctgcaaaa	tgggaatgat	900
gataacaccc	acttcataga	atgggtcatga	agatcaaata	agagaataaa	agtcaagcac	960
ttagcctctg	gtgcacaata	agtattaaat	aagtatacct	attcctcctt	ttcctttttt	1020
taaaataata	taccaaata	tccagcttat	acacatttac	aagacttagc	tagtgggcta	1080
tgttagagct	actaaaagat	ctttgacaag	ctaaaactaa	gatgcaatga	atgaggtgta	1140

acgaacaaga	gagttttaag	ttcagaaatg	gttacagaag	tataagacag	ctgtgtgggt	1200
gttttttggg	ttttggtttc	tggtttacaa	tctcgtcatt	caacaaagat	gggagtttta	1260
tagaactaaa	agcaccatgt	aagctactaa	aaacaacaac	aaaaaaggct	catcatttct	1320
cagtctgaat	tgacaaaaat	gccaatgcaa	ataaaaaatga	ttacttttta	ttttaaaaaa	1380
aaaaaagnaa	aaaaaa					1396

<210> 8902
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (69)...(446)
 <223> similar to gi807677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8902						
ataaaatcca	gcattccttc	atgaagaaaa	ccctcaagaa	actgggcata	aatggaacat	60
actccaaaat	aatgaaagcc	acctatggca	aatacacaa	caacagcaaa	ctgtgtgtgc	120
aaaagctgga	agcattacca	ttgacaactg	gaaaaagaca	aggatgccta	ctgtcaccac	180
tctgtttcaa	cataatactg	gaggtcttag	agcaatctgg	aaagagaaag	aaacaaaagt	240
catctgaata	gggaaagaag	atgtcaaatt	atttctctta	acatatgata	tgcttctata	300
cgtaaaaaac	cctaaggact	ctgccagaag	gctcctggaa	ccaataaacg	acgctagtta	360
agtttcaaga	aacaatatca	aagtacaaaa	atcagtagca	tttctgtaca	ccagtaatct	420
tcattgctgag	aaccaaataca	agaatag				447

<210> 8903
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (178)...(589)
 <223> similar to gil70035 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8903						
ggagccccag	gggccgaaga	ggcacacgtc	gggccttttg	gtgcacctca	gcctgggggc	60
cagaacgtgg	ggcagagtgc	agccaggggt	ctgactcctg	gggtggaagg	gagactccca	120
gggcatcatg	tctctaccca	agtcaggagg	gatgagccgc	tttttctctt	tttagaccca	180
gtcccaagac	ccaagccaag	ggtgaccctt	cacactggcc	caggcctttg	caggcacctt	240

ggctgaggct	ccccaaagtat	gaatggtaaa	tccttgccctc	cagcctcggc	acagaggagc	300
ccagcacaga	cgccccccagc	acagagtccc	ccagcacaca	gcccccaaca	cagagctccc	360
ctgcacacag	ccccccctgca	cagacacccc	cagcacagag	tccccccagta	cagagccccc	420
agcgagata	ccccccatag	cacagagccc	ccagatcaga	gaccacagc	acagagtagc	480
cccccagcac	agggccccccc	ggcacaggga	tcccccaagca	cagggacccc	cccagcacag	540
ggatcccccc	agcacagggc	ccctcagcac	agggaccccc	ccacagta		588

<210> 8904
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (249)...(755)
 <223> similar to gil335205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8904						
ccagcctagc	aaagttgatg	gggattnagn	gcatgntggt	tnnnnnnnngg	gnaaatgnnn	60
aaaanngngg	ggtnaagang	ggnnttnnaa	angggggngg	ggtagannag	gnnnngnnnt	120
taaaaagtan	nnnnnnnnnn	nnggnnnnnn	ggaatanngt	ggnntttctt	ctccccacca	180
cccctccenn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnngc	catgaatttt	ctatgggaat	240
gaatatacct	taataaagaa	aatcaagcaa	tacaatgggc	tacaatgact	gactaagaaa	300
aacacatgat	tatcttaatg	gatacagaaa	aagtatttaa	caaaattgaa	atatcaactc	360
atgatcttaa	aacaattctg	aacaatctag	taatcatagg	aaattttctt	aaactgataa	420
agaatatcta	caaaaaacct	atagctaaca	tcatacttaa	tgaaatacta	aatgcttccc	480
cccagccaca	ctaagatcag	agacttggca	aatacgtgtg	ctccaaacat	tcccttttaa	540
cttcttactg	caagtcttag	ccaacgcagt	atttcaagaa	gacataaaaag	gcaagcaa	600
tggaaaggaa	gaaattaaac	tatccatatt	cacatgtaaa	tagtaaaacta	tacagacacc	660
actgtatgta	gaaaatgcca	agaaatatac	ataaaagttc	atataataaa	tgagttagc	720
aaagttgcag	gatacaaggt	caacatacca	aaagtgactt	tcagatgcat	atacccttat	780
ttggtgttca	atcacatcag	tgtggtcttt	tttataaaaag	atgatgcta		829

<210> 8905
 <211> 1099
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (493)...(1099)

<223> similar to gi30168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8905

aggcacaaaa	atagaagacg	acacatagaa	gagagagact	aagaaaagat	aatcaaaaaca	60
taaataacag	cgagtccaaa	acaggcatat	cgaaatttca	cacactaaga	atgcaaagtt	120
cataaagcac	aagattacaa	gtaaaggctg	gacaagattg	agaaacccca	ttataatgta	180
gaaaaaaaaa	aattcaaaat	tagccaggca	tggtggtggg	cacctgtaat	cccagctact	240
cgggagactg	aggcgggaga	ttctcttgaa	cctgggaggc	agagggtgcg	gtgagccgag	300
atcgtgccat	tgcactccag	cctgggcaac	aagagcaaaa	ctccatctca	aaaagaaaaa	360
agaaagaaag	aaatgctagg	ggaaaatggt	ttaactagtc	attcttccca	gtagctaattg	420
aagctgactt	ttaaaaagaa	ggctgtgagc	tttgacagatg	ctgctgccgc	ccagggcccc	480
ctgcttccag	ccatggtcaa	ccccaccatg	tttttccaca	ttgctgtcga	tggcgagccc	540
ttgggctgtg	tctccttcga	ggtaaggggc	ctggaaagca	agaagtgact	gctcatctaa	600
tccataaaac	tatgttaaca	gattggagct	gtttgcagac	aagggtccaa	agacagcaga	660
aaattttccat	gctctgagca	ctggagaaaa	aggatttggg	tataaggggt	cctgctttca	720
cagaattatt	ccagggttta	cgtgtcagag	tggtgacttc	acacgccata	cagcattggt	780
ggcaagtcca	tctgcaggga	gaaatttgat	gacaagaact	tcactctgaa	gcatacgggt	840
cctggcatct	tgtccatggc	aaatgctgga	cccagcgtga	acgtttccca	gttttttatc	900
tgccctgcca	agatgccaa	acagagtggg	tggattgcaa	gcatgtgggc	tttggaagg	960
tgaaagatgg	catgaatatt	gtggaggtca	tggagcactt	ggggccaag	aatggcaaga	1020
tcagcaatca	gcaagaagat	caccattgct	gactggacaa	ctgcaataaa	tttgacgggt	1080
gtttctctta	aaaaaaaaa					1099

<210> 8906

<211> 1062

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (724)...(1008)

<223> similar to gi403460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8906

tccagggtcaa	aaaaccctcc	ccaaccctca	cacagccctg	gtttgctcgt	gagcttgtct	60
atgatatgtg	actcccaaca	gctgcacaac	actgcgtcct	ccctgagagc	tgcagcagca	120
gtcacgtcc	acacggtcag	cagggaggat	aggtaaacac	atacaagatc	aaccgcaaag	180
tagcattcgt	gtttctagct	gggaccacac	gctgtctctg	ctgctcttct	agtcttcgga	240
agtgcctgtc	tcacatgcac	tgccaacatc	tacacaccct	gtcacaagag	acccccagac	300
cacagccttc	cagacgtctc	catctacaca	ccctgtcaca	agagaccccc	agaccacagc	360
cttcagaag	cctccatcta	cacaccgtgt	cacaagagag	acccccaggc	cacagccttc	420
cagaagcctc	catctacaca	ccgtgtcaca	agagaccctc	acactacagc	cttcagaag	480
cctccatcta	cataccatgt	cacaggagac	cctcagaccg	cagccttcca	gaagcctcca	540
tctacacacc	atgtcacaag	agaccctcag	actacagcct	tccagaagcc	tccatctaca	600

taccatgtca	caggagactc	tcaggctgca	gcctcccaga	agcctcctga	ggaaagcagg	660
gcttcacatctg	aagacaggtc	actggcatta	agcttacttg	tttttttgag	acgggggtctc	720
tgtctgtcgc	ccaggctgga	gaatgggtgt	gtgatcacgg	ctcactgtag	cctcgacctc	780
ctcaggctca	ggtgattctc	ctacctcagc	ctccccagt	gcagggacta	caggtgctca	840
ccaccatact	cggctgattt	tgtgtttttt	gtagagacgg	ggtttcacca	tgttgcccag	900
gctgggtctcg	aactcctgag	ctcaagccat	ccaccacact	cggcctcccc	aaatcctggg	960
attacagatg	cgaactaccg	tgctgggcct	aatcttactg	ttttaatgta	aaaatggaca	1020
gtcttgagga	agacagattg	ggaagattca	tatcttcatg	ag		1062

<210> 8907

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (304)...(1404)

<223> similar to gi2191152 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8907

attccccgggt	cgacgatttc	gtggccgctcc	ggcctccctg	acatgcagat	ttccacccag	60
aagacagaga	aggagccagt	ggatcatgga	tgggctgggg	tcaaagactg	ggtgcctggg	120
agctgaggca	gccaccgttt	cagcctggcc	agcctctctg	accccgaggt	tggaccctac	180
tgtgacacac	ctaccatgcg	gacactcttc	aacctcctct	ggcttgccct	ggcctgcagc	240
cctgttcaca	ctaccctgtc	aaagtcagat	gccaaaaaag	ccgcctcaaa	gacgctgctg	300
gagaagagtc	agttttcaga	taagccgggt	caagaccggg	gtttggtggt	gacggacctc	360
aaagctgaga	gtgtggttct	tgagcatcgc	agctactgct	cggcaaaggc	ccgggacaga	420
cactttgctg	gggatgtact	gggctatgtc	actccatgga	acagccatgg	ctacgatgtc	480
accaaggtct	ttgggagcaa	gttcacacag	atctcaccgc	tctggctgca	gctgaagaga	540
cgtggccgtg	agatgtttga	ggtcacgggc	ctccacgacg	tggaccaagg	gtggatgcga	600
gctgtcagga	agcatgccaa	gggcctgcac	atagtgcctc	ggctcctgtt	tgaggactgg	660
acttacgatg	atttccggaa	cgtcttagac	agtgaggatg	agatagagga	gctgagcaag	720
accgtgggtcc	aggtggcaaa	gaaccagcat	ttcgatggct	tcgtgggtgga	ggtctggaac	780
cagctgctaa	gccagaagcg	cgtgggcctc	atccacatgc	tcaccactt	ggccgaggct	840
ctgcaccagg	cccggctgct	ggcctcctg	gtcatcccgc	ctgccatcac	ccccgggacc	900
gaccagctgg	gcatgttcac	gcacaaggag	tttgagcagc	tggcccccg	gctggatggt	960
ttcagcctca	tgacctacga	ctactctaca	gcgcacagc	ctggccctaa	tgcacccctg	1020
tcctgggttc	gagcctgcgt	ccaggtcctg	gacccgaagt	ccaagtggcg	aagcaaaatc	1080
ctcctggggc	tcaacttcta	tggtatggac	tacgcgacct	ccaaggatgc	ccgtgagcct	1140
gttgtcgggg	ccaggtacat	ccagacactg	aaggaccaca	ggccccggat	ggtgtgggac	1200
agccaggtct	cagagcactt	cttcgagtac	aagaagagcc	gcagtgggag	gcacgtcgtc	1260
ttctacccaa	ccctgaagtc	cctgcagggt	cggctggagc	tggccccgga	gctgggcgtt	1320
ggggctctcta	tctgggagct	gggccagggc	ctggactact	tctacgacct	gctctagggt	1380
ggcattgcgg	cctccgcggg	ggacgtgttc	ttttctaagc	catggagtga	gtgagcaggt	1440
gtgaaataca	ggcctccact	ccgaaaaaaa	aaaaa			1475

<210> 8908
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (363)...(691)
 <223> similar to gil87177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8908
cccacgcgtc cgaggaggca gtatctctga aaaacctcat atacctgaaa ctgagggtcac      60
agagtactga ggctgaacca gacagtagag aatgcttttc cttgactccc caaccacat      120
ccccctcacc atcaggctag gaagcacatc aagcaacaag taaccacagc ctaccactag      180
agaggaagca agagcataga ctctgagggtg aacatgcaca gtgaaggcct aaagcttggg      240
atggaacaat accattgagg aaagtactcg agcaaaactg agtaacctat gaattatagt      300
ggaactcaaa aggaaagtta aaacatattt tgtattgaac gaagatgaaa catggcacac      360
gtggaataca gctaaagctt agggggatat ttacagcatt acatgttata ctagaaaaga      420
aaaaagtgcc ccaatttagt actttaagct ttcacattaa gaaactagga aaagaagagc      480
aaactaaatc taaagcaagc agaaggaaga acactgtaag gataaaagtg ggaaccagtt      540
aaattgaaag aaggaaataa tagagaaaac taataaacta aaagctagtc ctctgaaaag      600
atcaagattg gtaagtctct agccagactg aggaaaaaga aaacacaaag tatcaacatc      660
aggaatagca cttaggatgt caatggagat cctaaagaca ctaaagtg      708
  
```

<210> 8909
 <211> 1749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (727)...(1474)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8909
tttttttttt ttgttttaac aaacatgttt attagaaaag taaaaaatat tgcataaggct      60
ttaatacttg aacatcaagt gtattcatga acagtgaagta tcttatcttc atgtaaacag      120
ttctagatgg aagaccaga tggcactcct cccggggagg ggttccagcc cccaccctct      180
cagccccctc cctgccagct caactctgca gtacacgatg ggggaaggct taaacgcagc      240
tgccagggtg aatttttcaa gtgtcaaaga tcccaagtga tccctgacac ccacccttc      300
ctactcttac attcatgcgt ctgtaagata gctgcctaca acaggtcagt agtgatgctc      360
cgatcagaaa aacaagatac aaaacaaaca acaaacacac ttgggtccctt cagaccagta      420
agatacacia accacctcca cgacctccga cctccccctt cctccggct gctctgagga      480
gcacgtgcct cttccttcac cctgggccag gctggggcgg gagcagcca gctgctctct      540
  
```

ggatgtcaca	ccactgttaa	ctgtcagtaa	caaaaataat	aaggtacatg	ctacacacac	600
atccagctgg	aagccttggt	ggcccctaag	cctttgtttc	atgctacagt	actgaggggt	660
atgtgtcccc	aatgcacagc	caccgcgaca	caactcaatg	agcttcctgg	gaaacactat	720
tccccacct	ccaccttagg	tggtgcctc	agttttccaa	ccactggaat	cagtcctca	780
gtcctgcct	ctagtctcca	ccccaaaagt	tcagtctct	ctgtcttga	gggactgtc	840
ggccccctca	ggttgaagtt	caacactcct	caatgagcag	ctgttccgag	ctgtacagct	900
tcttcttgat	gactcggaag	ccagtgtca	gcgtcagga	ctggctgaag	ccaggagga	960
agggagagtt	ggcggagcta	aacagcccct	ggatcttggg	ccagagtcgt	gagtcaggc	1020
gcagcacgag	ggtcagctgg	aaggtgggca	ccaggctggg	gtcgagtgc	agctggccca	1080
cgctgtggca	gtctttgccc	tgctccacgc	agacgtccag	cagcgcccc	cgcaggccgc	1140
acggctcgct	gtaggccagg	cgcagtagtt	ctttgcccac	ctggcttacc	aactggctag	1200
gcatcagcag	gcgcgcagg	cgctcagagc	ccagccgcgc	ctgggcccagg	ctctcctgca	1260
gcagctgcat	caggttggca	cacaagtgtt	catcctcagg	gtcactgagc	agctcgaagt	1320
cgggcaacga	caccccatcc	aggtaagccg	tgtcttctc	cggcccgaag	ccactgttgc	1380
tgctgtccag	ggactcgcag	tccgagctct	ccaggctcgt	ggagcggta	aacccctcct	1440
cccggtcgc	cgacccccag	gctgagcgcg	gcggccgata	tggggtggga	gttcggggca	1500
aggacgagg	cgaagaggag	gtggacgacg	acgagaagcg	gtcccaaagg	ctaggcatgg	1560
tgaggacaga	cgccaggcg	tttgctgatg	aactcagagt	gccggagcgt	agaagccgca	1620
gctagcgcg	tcagcgagaa	ctgctaagac	aagtgcgtcc	tgccgcttga	atgggtgtgc	1680
gaaccctg	caaccaccga	gagccgcccc	gaccctccc	aggtccacgc	tcgcacctcc	1740
cccttgcc						1749

<210> 8910

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(548)

<223> similar to gi4996098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8910

tttaggggtg	gagccggcag	gaaatttaaa	ctgaagccgc	ggccgaaaac	gccaagagat	60
tgatgctgta	gctgccctga	gataaccagg	actgtggaat	cgggaagagc	tcattgagct	120
cgcgaatgta	atacggaggc	ctctgaggaa	ggagtacgga	ggccgagaag	gagccggcat	180
ttgatgagcg	aaccgggaaa	gggagacgat	tgctcagagc	tggagagttc	catggctgag	240
agtaggctcc	gggccccgga	cctaggagtt	tccagggtgc	taggaaaatg	ccagaagaac	300
tcaccagggtg	ccagggaagca	tcccttttcc	ggaaagtcct	tttacttgga	tctgcctgct	360
ggcaagaatc	tccagttttt	gacggggg	attcagcaac	tgggtgggg	aattgaggg	420
tttctgagca	aagaagtaag	ttacatcgtg	tccagccgca	gagaagtaaa	ggcagagagc	480
agtgggaaaa	gccatagagg	ctgccctagc	cctagcccca	gtgagggtcag	agtggaaaca	540
tcggccatgg	ttgattcaaa	aaggcagcca	ccccagt			577

<210> 8911

<211> 1685
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1686)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1250)...(1685)
 <223> similar to gi454158 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8911

ggaggcagga	ggaacat	ctctt	gttgc	tctgccacat	gttgcctcag	ctcagccaat	60
tcagaaaccc	agaatgtccc	tacctgaaaa	cctgaaactt	cctattccta	gatataacc		120
ccctagaaat	agcaaagcat	caagaaagaa	acccatcctg	atctttccta	agagtggctg		180
tagcaaaagt	cctgccc	cccaaagt	tcctcagatg	cccccttccc	cacctcacca		240
ccctgaactc	ctgtacaaac	ccagtccatt	tgaggaagta	ccatcactag	agcaagcccc		300
agccagcatt	agcacagctg	cgctgaccaa	tggaaatgac	catgggggact	tgagaccacc		360
agtgaccaac	acccatggca	gtctgaaccc	tcctgctacc	ccagcatcat	ccacaccaga		420
ggagcctgcc	aagcaggacc	tcacagctct	ttcagggaaa	gcacactttg	taagcaagat		480
aacatctagt	aaaccttctg	ctgttgccag	tgaaaaat	aaagaacaag	ttgatcttgc		540
aaaaacctag	accaatttat	caccaaccat	tcttggcaat	gcagttcagt	tgatctcttc		600
agtccccaaa	gggaaaactgc	caatcccacc	ctactcaaga	atgaagacaa	tggaggttta		660
caaaatcaaa	tcagatgcta	acattgcagg	tttttcttta	ccaggacct	aggccgactg		720
tgataagata	ccctccacca	cagaaggctt	taatgcagcc	accaaggtgg	caagcaggct		780
acctgttcca	caagtgtcac	agcagagtgc	ctgtgaaagt	gccttttgtc	caccaccaa		840
acttgatctt	aaccacaaaa	caaaactgaa	cagtggagca	gcaaagagaa	aaggaagaaa		900
acggaaggta	ccagatgaaa	ttttggcatt	tcagggaaaa	aggaggaaat	atatcattaa		960
taagtgtaga	gatggtaaag	aaagagtaaa	aaatgatccc	caagaattca	gagacccaaa		1020
gctggggacc	ctgaaaaaat	accgtagcat	tatgccc	cctatcatgg	tcatacccac		1080
tttggcctcc	ctggcttctc	caactacact	acagtcccag	atgcttgggg	gcctaggaca		1140
ggatgttttg	ttaaataatt	cactcactcc	taaatatctt	ggctgtaagc	aagacaacag		1200
ctcttcccct	aagcccagct	ccgtgttcag	aaatggattc	tctggcatta	agaagccttg		1260
gcacagatgt	cagctctgca	accaccactt	ccagttcaaa	cagcaccttc	gagaccacat		1320
gaatacacac	accaacagac	gcccttacag	ttgtcggatt	tgctcgcaagt	cctatgtacg		1380
tcctggcagc	ctgagcacac	acatgaaact	tcatcatggg	gagaaccgtc	tgaagaaaact		1440
catgtgttgt	gagttttgtg	caaaagtgtt	tggccacatc	cgagtctatt	ttggccatct		1500
gaaagaagtg	cataggggtg	tgatcagcac	tgagcctgcg	cccagtgaac	tgagccagg		1560
agacatacca	aagaacagag	acatgagtgt	gcgaggcatg	gnagggatca	ttgggagaag		1620
ggaaaacaag	tccaacctgg	aagaagactt	ccttctaaac	caggcagacg	aagtcccaaa		1680
aatta							1685

<210> 8912
 <211> 898
 <212> DNA
 <213> Homo sapiens


```

<220>
<221> misc_feature
<222> (779)...(774)
<223> similar to gi5420389 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8912
tttttttttt ttggaattaa ttactctttt attagcacia aataacagca acctagcagc      60
cgcacggccc gagaataagt taaggcacag agcaggcgac gggcggcttt cccagggcca      120
ggcctgcatg ccccgaaactt cctgagcaaa ctccctaggg gctggggttt cgaggggtcct      180
ggagggcctc ttcccttgag atgaggggaa cggaacaggg caagaggggc gcccccattg      240
gcgcaagggg tccacgctgc gccgcgatca cttctcgaag tagggcaggt agaagaactg      300
gaagccccgg tggcccttga ccgcgcagta gatgaagatc acgtgataga ctccaggcac      360
caacaacagg aagcccggca cgaagaagat ggcgctggag acacctggag aggggggtcgc      420
ctccagtccc acgccgacca ggatcagcac cagccccagc agcaggagca ggaaggaggc      480
cagcaccact cggcggttct tctggatcaa aggggtgttg gtccagctgc agcagggtgtt      540
gtaggagcgc tgggtgctgc tgctgatggt gctgaaggac cactgggagc tgcggatgga      600
agttcggctg gaatccctgg tgccgactcc cccatccggc tccggagagg cctgggctcc      660
atcctcatcg ttctccaggt tctggtagcg cagccgggac tgcttgctct cgtcagccac      720
ctcgaaccgg gcccgcgct cgaagtgcag cggcccaaag cgcgcgaccc cgtctggactc      780
gggcccaggg ccccgtcct ccagggacag ctccaaggca tcatcaatgc tgaactgggg      840
cggggcggcg ctcatggccc cggcccgtc aggcgcctg cgccgcgcgc atctgcgc      898

```

```

<210> 8913
<211> 756
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (473)...(646)
<223> similar to gi2271518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8913
actccactcc ttacctctga ttagccttta cctgcactcc tattttctaat acttttagtaa      60
aaaagtgttt cattcaaatg ttaactttta acagcagaca gacacaaaaa ttagtaaagc      120
aagggtttaag gtcattgcat tccaatttat cacctccctt ttgtgtccct gttcagacta      180
tgagctccaa gaagatgggg accagagtgt ttggtacatt gctgaatccc catgcctggc      240
atagcccttg gcttacagaa ggcacttaaa aatatcagca aaggaaggaa gaaatgaagg      300
aaaagagcga ggaaaacat ggtttccttg ataactgcta cgggctgagg ggcctccct      360
ataccattct ttctgtctgt ctgccacgac cttgaatggt acaccacaac tactctggtt      420
atacctcagg agttgattcc agaaaagatt tcactacaag atctcccggg tctctcctca      480
cttctaagca agtaactgag gccacattag tggtgcccc aattgccaatcc agattcctaa      540
gatccaatgt ctgctgggat cgttcatgca attgcaatgc cctcggcca cctctcacc      600
agtgtctcca agtcacctcc caaaaccct ctcaccagtg ctcccaagtc acctcccaa      660

```

actcctctca	ccagtgtctc	caagtcacct	cccaaaaccc	ctctcaccag	tgctcccagg	720
tcacctccca	aaaaccctc	tcaccagtgc	tcccag			756

<210> 8914
 <211> 3457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3437)...(0)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8914						
tttttttttt	tttttttttca	tcttccaaag	tttttaattc	attggtttct	agtatattca	60
caaagttgtg	caaccatcat	tccacaattt	catcatcttc	caaagaaagc	ccgtccctgt	120
tagctgtcat	gcctcttctc	tcttcctcca	gtacctggca	accaccaatg	tgctttgtct	180
ctgatacaca	gatttgccta	ttctggacat	ttcacataaa	ctcgtgattg	gcttctttca	240
cttagcgtaa	tatttgtagg	attcactcag	gctgtggcat	gcgtcagaat	ttccttctct	300
tttatggggg	ccaaataata	tttccattgt	atgggacagg	aacacacttc	atggtcttaa	360
atttcatctg	tggggatggg	acatttgggg	ttggttgcc	acccgtttgg	actttttgag	420
gtaatgctgc	ctatggaacg	cggggacccc	agggatttgt	gtggatggat	gttttcaatt	480
ctcttgggca	tagacctggg	aagggtatac	ttttattgat	attaatagtt	ctgatattgg	540
acatccctgc	tgtgtgggtt	cacctctcat	ggactctgac	ggctgctgtg	ccttctctgc	600
tcggcaggcg	gtgccttgag	gcacagggtg	gcgtctgggg	ctggaactct	cgctaggcgc	660
tacaacttcc	tctcctgccc	tgtggcagag	ccaagccctt	tgcagggctg	ttgccagcat	720
gggatgagtc	tatgaaaaca	cgtggcacgc	agtaggtcca	cagttaccac	tggcagcctg	780
gcaagcctgg	cagggcccg	acggcagatg	cgcttcgggt	ctgctgtgag	tcttgtgttc	840
tgcccttaggc	agaaagtcc	gggtttgtgt	tttgtgaatg	aatgacgc	gagtgtgcca	900
aatatccctt	acgtgacaga	agaggagagg	gctggcttga	ttgagtgtgg	gggggaagaa	960
cctggatcct	gtaattgta	ttttgtttta	aaaaattagg	gaaaaacccc	aaatatgacc	1020
atttccctgc	attagctgc	agatgagcag	ctgactcccc	agtcccatcc	ctccgcactg	1080
cttttccctg	tcctgggtct	gttctgttac	atggagtctc	tgggggaagc	cctggggacg	1140
gggcatctgc	ccagggtcca	ctgctgttga	aagtgaataa	agaacgtccg	gatttccctt	1200
gggtggacgg	tgatgatggg	gcctcctggg	ggcctcgagg	gagaggtggg	gtcacctctg	1260
tggcgccag	gccccgtcct	ccagctccag	cgggtgcagc	tgctcaaate	ccaggctcct	1320
gtgagcgagc	gctcctccac	tgccaccacg	gacccacagc	cctgcagcac	agcctgcagg	1380
gagaggagca	gagggagagt	gagctgcacc	aagttccaga	gctgagcaga	gaaccaagac	1440
agcagcaggg	cagacacacc	acgaactcgg	tgtcctcagg	agcccagggt	ctcccctggg	1500
gcctgacaca	gctccctcat	ctgcttctca	cagcacatct	gcgaggacag	gactggccgt	1560
gtactttaca	gatgaggaca	ctgaagcggg	aggtgcatgc	tttaccagggt	ggcgagactg	1620
gaggagcagc	ccgggagggt	tggcattttg	agctgcccac	cccaccgcgg	agttctctct	1680
tccccacatt	gctcagggtg	ccccgtgccc	agtccaggga	ggaagccagc	cacagttacc	1740
ccatccccct	ttcccaatag	gccttgtccc	agcctccctt	acacctaggg	gaggcaggag	1800
gcccttaggg	gtctggaaaa	gtctgtggag	caggaggggt	gggggtggct	cttggaagaag	1860
cttctgtgtg	ctgacggagg	gagagagcca	cgctagggga	aggcctttct	ggccactact	1920
gccgagcccc	accctgcctt	gaaatttgct	catgagggag	gcctgtgcca	tcttctgacc	1980
gcaaacaagc	agacggcaaa	agacaaaagc	cagctctccg	gcgatggcgg	gaagacgaca	2040
gtgatcgggc	ccacgggtgac	agcgcttggg	gtccatcgga	catgcctgtt	cgggtgaaaa	2100

acactctgtc	ctctgttcta	agcacatctg	ttaggtgttt	tgtgacttgc	agccaaactc	2160
actgcgttcc	taactcaatg	gtctttccac	cccaccaccg	tccacgttgg	gcagggagtc	2220
atggtgtcca	tcccaaccgt	ctccttgtct	cagggccttg	gtgcttccat	ctgtgaaacg	2280
ggggagcatc	agatgaccaa	cttccaggtc	ccacgccggc	ctccttgctt	cccagggcag	2340
gctggccctg	tgctgggcac	tggtaccgcg	catggcctag	acctgctctc	aggcaggcca	2400
gggaccgtga	ggaaaggatc	ctccctggcg	aggatcatga	aagaggaggt	gggtggccca	2460
gtaagacatc	atggcgaaaa	ggtactgggg	cttctctgga	ttccctgaa	gactcagatg	2520
tgaaggagg	ccaaggcag	aaacacagag	attcacagaa	attctccatg	agcaggaaat	2580
gaaatagaaa	gaatgcaaac	tgggaaagaa	atgaggcggc	tcaggtcatg	ccttctgggg	2640
agggagcgtg	ggcaggccag	gtggcggaag	cctcgctga	tagtagagct	gagagggcaa	2700
catcagccaa	gaggggaacc	tggaagggga	cgaggcctgg	gggccctgac	actgcacgag	2760
gccccttagt	gccagggcct	ctcagcaacc	ttctgggcaa	agaactctca	cctctcccca	2820
ttttacatgg	ggggaaactg	aggcccagag	gcatgggggtg	cgggagatgc	ccccgtagag	2880
gggcctgggt	gtggaccctg	gattgtcctg	aactcctaag	tcaacctttc	caaaagcaaa	2940
ctctatgggg	aatcctgttt	tgtttttgga	ttaacacaga	tgttgtctgt	gttttaaaag	3000
ttttaccac	agaataaata	agaaagaaaa	tacaggccca	ctcacgccct	gtaatcccag	3060
cacttcagga	ggctaagaca	ggcagattgc	ttgaggccag	acgttcgaga	ccagcctgag	3120
caacacagca	agaccgtgtc	tctactaaaa	ataaaaaaac	taggccaggc	ttggtggctc	3180
acgcctgtaa	tcccagcact	ttgcgaggcc	gaggcagggtg	gatcacctga	agtcaggggt	3240
tcgtgaccag	cctgaccaac	atggagaaac	cctgtctcta	ctaaaagtac	aaaaaaatta	3300
gccgggcgtg	gtggcacatg	cctgtaatcc	cagctactcg	ggaggctgag	gcaggagaat	3360
cacttgaacc	tgggagatgg	aggttgcagc	cagctgagag	cgcaccattg	cactccagcc	3420
tgggggacga	gagcgaaact	cggtctcaaa	aaaaaaa			3457

<210> 8915

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(479)

<223> similar to gi938238 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8915

gcggggctga	ccgtgcgctt	cgctgcggg	gtcgtgctgg	ggcggcgggt	acgctatttg	60
aagaacaggt	ttccatgctc	ttagaggagc	atcagaaaaat	gaacaaaccc	cagaagtcca	120
gaaattaaga	gacctgataa	agggagccca	ggaaaatcga	gatgcatatt	tgtggtacac	180
ttcagttctc	agtaacaaca	cactgactaa	gaagagggaa	tacgtttttg	ggaaaaacct	240
taatctgggt	gcaaacccag	tttcttcaag	aaaaatagcc	tgtagtatg	actcatgtgg	300
aatgagtttg	aatacgtttc	agaatcaagt	attagtata	aaaattatgc	cagtaataac	360
actgatgaaa	ttaatataag	tgagaagttg	ccttttgata	gtaatcagga	aaacactcat	420
actgggaaga	aatctgttgt	atatgaccaa	agtgggaagt	caccaagtca	tagtgagg	478

<210> 8916

<211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (367)...(744)
 <223> similar to gi206716 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8916

ttttagaaat	acaccagtag	taccggacaa	accaatctcc	aggaaccacc	gggttgagcc	60
gccaaaacag	gaatcaggcg	cgcagcctcg	gccagtcggg	aagccactgg	cacctatggc	120
caggcgagaa	actgtttact	ttctccaccc	caccccagat	gcacacaatg	gagttgatgg	180
ctttggagat	gagaagcgcc	accggactgt	taaccccgaa	gggaagaaaa	acaagcaacc	240
ctaaaccacg	ctctgggcag	ggctgttaat	tgtgccggtg	acaaatccga	tgattaatgg	300
gcaggggcag	gaggcgcggg	gagacggcac	gtccgttctg	agctggctcc	ggggcagcgg	360
cgcagcttcc	caccccgggg	ctgggccgcc	gaccacgcaa	cggttggagg	gggctgagga	420
aaggggacgt	cgaaccacc	ccagcccac	ggctcctttg	tccccaaatc	cgccgacggt	480
cctcggaccg	cagctcccgc	ctcggtgggc	ttaagtttct	ttgttggtcg	tgttgtcttc	540
tcctctccgt	tttgccagct	ggggggaagg	gggcgccctc	cgtccagccc	ctaaagcctc	600
gcggggaacc	gctgttagcg	gccaccagc	gcaaccacac	cggtcgcccg	gcggggccca	660
agcgcgaccg	gccccggggc	gctgccgagg	ttccagcagc	cccgcaggcc	ggactctgac	720
ccagggatgt	ggggcccgcg	tccggacgcg	tgggtcga			758

<210> 8917
 <211> 1598
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1094)...(1598)
 <223> similar to gi484219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8917

tttttttttt	gtagcggata	gccagtttta	atgaacagag	gatactgatt	ggtataaaaa	60
ggtgtgtttg	tactgaggt	gtcctcattt	tctagatgag	gagttgtctt	ctccatggtc	120
ttgaacgcct	gcttcgccat	ggcaccagcg	tctgggtgca	cgctggctgt	cgccacaggg	180
caggagctgc	tcatggaaag	gtgtgtgccc	ctagtgtgca	gcactgggtca	gcttttccac	240
atagtaacaa	cagccttggt	ctgggcctga	gaaggccccc	aaaggtagac	gaaaaggaac	300
catggccaaa	tgcttatcaa	tcagcccggg	acctaatgta	acccaggacc	catgtgaggg	360
aggctgagcc	ttcacctttc	agcccttccc	tcagcatgtg	gttctcagtt	tagggcagag	420
cttcttaaga	ttcactttct	ggcgtttagg	ggcccagccc	caccagcagt	acaggcctac	480
accagtgtaa	tttgaaacgt	acagacgggt	gaagaggaag	tctagggagc	ttgggtcctt	540
agaccaccag	ggagcagggg	agggatggga	agggtcgggg	ggcggcgggg	gctcaccttc	600

ctctgcttcc	ctgtgggctg	ggttcagagc	tcctcagtgt	cctggcctcc	caggtgggat	660
caagcagggg	gggtgcagct	gcagcgttcc	aggcaagagc	tcaagctcca	gtaccaggaa	720
cataagggga	cataagggcc	tcaggcaaac	tagggttacg	ggccactgcc	ccaagagttg	780
agtggggcac	aagcaatccc	cagtgtccag	gcgcttcccc	atgagagccg	ccagcaggca	840
acggtgtgcc	aggccggcct	gagcggggcc	agtacacagt	gggtgcgagg	cttctctcaa	900
atgcgcgctc	cagctcatca	gtcttagggc	ttctgaggca	acctagtggg	tcctggactt	960
ctgttgctgt	ggggcctcaa	acctgttgag	tagccacctc	agatgaccag	aaccacctc	1020
cagagttcct	atgaccaaag	ttgtctagag	ccgctccgga	cactgccagg	gttgctactg	1080
acaggaatgg	ggccccaga	gaaagccatg	cccacaggca	tccaccagct	gcagacaggc	1140
ccggccccctg	catggcctgc	cttggctgca	ccttgtagat	cctggatggc	atctgccggc	1200
cacgggctga	gtccccacac	acacagactg	gccctggaga	gagcaaggca	agccccctaa	1260
cctgggacaa	gtggacactg	aggactccca	gacccagccc	tgggtggctc	cagcttgagg	1320
ctgctccctt	aaggctcggt	cttggccctc	actctcctcc	ccttcctggc	cctcatctgg	1380
accgcgcctt	tctgtgcctt	tgtggtcctc	tgtccagccc	ctgggaggga	acgcggctcc	1440
cctgacactc	gaagccaggg	aggcctctct	ccttgctgct	tgggcccggg	gccgctcttc	1500
agttctgcca	gggctgctga	ggcggcacag	gccagagagg	gaggaaccag	ggctgagggc	1560
aggaaccaca	gaggtgcaga	cgcgggggcg	gggcacag			1598

<210> 8918

<211> 1940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (128)...(1922)

<223> similar to gi2832777 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8918

cttacgccaa	gcttggcacg	aggcgggaaga	acccgcagca	gctcccagga	tgaactgggt	60
gcagtggctg	ctgctgctgc	gggggcgctg	agaggacacg	agctctatgc	ctttccggct	120
gctcatcccc	ctcgccctcc	tgtgcgcgct	gctgcctcag	caccatgggtg	cgccagggtcc	180
cgacggctcc	gcgccagatc	ccgcccacta	cagggagcga	gtcaaggcca	tgttctacca	240
cgcctacgac	agctacctgg	agaatgcctt	tcccttcgat	gagctgcgac	ctctcacctg	300
tgacgggcac	gacacctggg	gcagtttttc	tctgactcta	attgatgcac	tggacacctt	360
gctgatctct	tttttatttc	cagatttttg	ggaatgtctc	agaattccaa	agagtgggtg	420
aagtgtctca	ggacagcgtg	gactttgata	ttgatgtgaa	cgctctctgt	tttgaaacaa	480
acattcgagt	ggtaggagga	ctcctgtctg	ctcatctgct	ctccaagaag	gctgggggtg	540
aagtagaggc	tggatggccc	tgttccgggc	ctctcctgag	aatggctgag	gaggcggccc	600
gaaaactcct	cccagccttt	cagaccccca	ctggcatgcc	atatggaaca	gtgaacttac	660
ttcatggcgt	gaaccagga	gagacccttg	tcacctgtac	ggcagggatt	gggaccttca	720
ttgttgaatt	tgccaccctg	agcagcctca	ctggtgaccc	ggtgttcgaa	gatgtggcca	780
gagtggcttt	gatgcgcctc	tgggagagcc	ggtcagatat	cgggctgggtc	ggcaaccaca	840
ttgatgtgct	cactggcaag	tgggtggccc	aggacgcagg	catcggggct	ggcgtggact	900
cctactttga	gtacttggtg	aaagggtgcca	tcctgcttca	ggataagaag	ctcatggcca	960
tgttcctaga	gtataacaaa	gccatccgga	actacacccg	cttcgatgac	tggtagctgt	1020
gggttcagat	gtacaagggg	actgtgtcca	tgccagtctt	ccagtccctg	gaggcctact	1080
ggcctggctc	tcaaagcctc	attggagaca	ttgacaatgc	catgaggacc	ttcctcaact	1140
actacactgt	atggaagcag	tttggggggc	tcccgaatt	ctacaacatt	cctcagggat	1200

acacagtgga	gaagcgagag	ggctaccac	ttcggccaga	acttattgaa	agcgcaatgt	1260
acctctaccg	tgccacgggg	gatccaccc	tcctagaact	cggaagagat	gctgtggaat	1320
ccattgaaaa	aatcagcaag	gtggagtgcg	gatttgcaac	aatcaaagat	ctgcgagacc	1380
acaagctgga	caaccgcatg	gagtcgttct	tcctggccga	gactgtgaaa	tacctctacc	1440
tctgttttga	cccaaccaac	ttcatccaca	acaatgggtc	caccttcgac	gcggtgatca	1500
ccccctatgg	ggagtgcac	ctgggggctg	gggggtacat	cttcaacaca	gaagctcacc	1560
ccatcgaccc	tgccgccctg	cactgctgcc	agaggctgaa	ggaagagcag	tgggaggtgg	1620
aggacttgat	gaggggaattc	tactctctca	aacggagcag	gtcgaaattt	cagaaaaaca	1680
ctgttagttc	ggggccatgg	gaacctccag	caaggccagg	aacactcttc	tcaccagaaa	1740
accatgacca	ggcaagggag	aggaagcctg	ccaaacagaa	gtccctactt	ctcagctgcc	1800
ccagtcagcc	cttcacctcc	aagttggcat	tactgggaca	ggttttccta	gactcctcat	1860
aacctctgga	taattttttt	attttttattt	ttttgaggct	aaactataat	aaattgcttt	1920
tggctatcat	aaaaaaaaaa					1940

<210> 8919
 <211> 2011
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2012)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (156)...(2011)
 <223> similar to gi4200216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8919						
agttcctggg	ctctacaaca	tttccttttc	ttgggataca	tggaggtggt	gagggaaagc	60
tgagagaatg	aaggctctaa	atccccagtg	gaagcatgat	atggcgaagc	agagctgggtg	120
ctgaattggt	ctctctgatg	gctctatggg	agtggatagc	actgagtcct	cattgctggg	180
ttttagcggg	tgctgctggt	tcggatcagc	atgccacaag	ccccctcgac	tggtcctct	240
ctgataaggg	acccttccat	cgtcacagg	aatacacaga	ttttgtggac	agaagccggc	300
agggatttag	cacaagatac	aagatataca	gggagtttgg	ccgctggaaa	gtaaataacc	360
ttgcagttga	gagaagaaat	ttccttggct	ctcctctgcc	tcttgcccct	gaattcttcc	420
gcaacattaa	gacttttggg	acgtcgacct	acccttcagc	aaatcacaga	aaaccttatc	480
aagaaatatg	ggacacattt	cttgctatct	gctactctgg	gaggagagga	gtcactcaca	540
atttttgtgg	acaagcggaa	gttgagcaaa	cgagctgaag	gaagtgattc	caccaccaat	600
agctcttcgg	tcactctgga	gacgctacat	cagctagccg	cttcttattt	cattgacagg	660
gacagcacc	ttcggagact	tcaccacatt	caaattgcat	ccactgccat	aaaggtaaca	720
gaaacacgga	ctggctctct	tggtgcagt	aactatgaca	acctagattc	tgtcagttct	780
gttctgggtc	agagtcctga	gaataagatt	cagttgcaag	ggcttcaagt	acttctccca	840
gactatcttc	aggaacgttt	tgtacaagca	gctttgagct	acattgcttg	caattcagag	900
ggagagttaa	tctgcaagga	aaatgactgc	tggtgtcact	gtggtcccaa	atttccagaa	960
tgcaactgcc	cctccatgga	cattcaagcc	atggaagaga	atcttcttcg	aataactgaa	1020
acctggaaag	cttacaacag	tgactttgag	gaatcagatg	aattcaagtt	atttatgaaa	1080
aggctacct	tggaaattat	tttcctcaac	acatcttact	attaatggca	tttgtgggac	1140

aatgggttct	aattttcagg	cgccgtttat	ggaaccaact	ggggaacagc	atgaaacaac	1200
ttttcctaaa	ggcgcagaaa	attgtacaca	agcttttttag	gccttagcaa	gaggtgtcat	1260
aaacaacccc	tcatcagcct	gccaagacaa	agaacctcaa	cctactggct	tactcgcatc	1320
cagtcttttc	tctactgcaa	tgagaacggc	ctcctaggca	gctttttcaga	agagacgcac	1380
tcgtgcacgt	gtccgaatga	ccagggtggtc	tgcaccgcgt	tcctgccctg	cacagtggga	1440
gacgcctctg	cctgcctgac	atgcgcacca	gacaaccgca	cccgtgcgg	cacctgcaac	1500
accggctaca	tgctcagcca	ggggctctgc	aagcctgaag	tcgccgagtc	caccgatcac	1560
tatattggct	ttgaaactga	cctgcaagat	ctcgagatga	aatatctgct	gcagaaaacg	1620
gacagacgaa	tagaagtcca	tgccattttt	atcagcaatg	acatgcgcct	caatagctgg	1680
tttgatccct	cctggcgtaa	gcggtatgctc	ctcaccttga	agagcaataa	gtacaagtca	1740
agtctggtcc	atatgatttt	gggtctctct	ttacagattt	gcttaactaa	aaacagcacc	1800
ttggagccag	tggtggctgt	ttatgtcaat	cccttcggag	gcagccactc	tgagagctgg	1860
tttatgcctg	tgaatgaaaa	cagctttcca	gactggggagc	ggactaagtt	ggacctaccc	1920
ctgcagtgtt	ataactggac	attaactctg	gggaacaaat	ggaagacatt	ntttgagaca	1980
gtacacatct	acctgagaag	tcgcatcaag	c			2011

<210> 8920

<211> 2273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (641)...(1547)

<223> similar to gi4314381 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8920

ttcatggctcg	accacgcgt	ccgctggggg	atccagtgc	gtgcccattcc	acttagacca	60
ggtgagactg	gctgatggtg	tctggggctg	catgtgactt	agttggggga	cctgctcttg	120
gcctccagac	tgggcctgat	ggcgtgggcg	cctgcctgtg	tgcaggccca	agggctcagc	180
tgcctctgtc	tgttcccaga	ccctcctcc	tgtagagagt	ggtgctgccc	tctcgggatg	240
tacctgcagg	tggagaccgc	caccagctcc	cgctccatc	tgaagagggc	tccaggcatc	300
cggctcctgg	ccctgctggt	tggaatcttg	tcgattggcc	tggtgctgctg	ctactacagc	360
ggagatagcc	tgggctggaa	gctcttctac	gtcacaggct	gcctgtttgt	ggctgtgcag	420
aacttggagg	actgggagga	agccatcttc	gacaagagca	cagggaagg	tgttttgaag	480
acgttcagcc	tctacaagaa	gctgctgact	cttttcagag	ctggccacga	ccagggtggtg	540
gtcctgctcc	atgatgtccg	tgatgtgagc	gtggaggagg	agaagggtccg	gtacttcggg	600
aaaggctaca	tggtggtgct	ccggcttgcg	acgggcttct	cccaccccct	cacgcagagt	660
gcagtcatgg	gccaccgcag	tgatgtggaa	gccatcgcca	agctcatcac	cagcttcctg	720
gagctgcact	gccttgagag	ccccacagag	ctgtctcaga	gcagcgacag	tgaggccggt	780
gacctgcaa	gccagagctg	acagccccac	tgtgcctgag	cccgtgcacc	gccacagga	840
cccatggcac	attcccgggtg	tgctgagcc	cgtgcaccgc	ccacaggacc	cgtggcacat	900
tcccgggtg	cctgagcccg	tgcaccgccc	acaggaccgc	tggcacattc	ccgggtgtgcc	960
tgagcccggtg	caccgcccac	aggaccctg	gcacattccc	ggtgtgcctg	agcccgtgca	1020
ccgcccacag	gaccggtggc	acattcccgg	tgtgcctgag	cccgtgcacc	gccacagga	1080
cccgtggcac	attcccgggtg	tgctgagcc	cgtgcaccgc	ccacaggacc	cgtggccttg	1140
gcttcagttg	gtgcctccag	ccgagttggc	ctattgcctg	ctcatgctgc	tgcttgaca	1200
ctgcatgaaa	cagcaggcca	gaccaggaca	tccagacttt	ctccatcggtg	aggcctgggc	1260
ctgcctttct	gcagccggag	gtctcgccag	ccctggactc	ctgctttggg	ccacagcaag	1320

acctcgggcg	agtggagagg	cggggccagg	ccggggccctt	gtgggtgctg	atgctgcatg	1380
ttgtccccga	cacagcgtec	tctccctggg	ggacatcccc	agcggtcagg	tgcttcccca	1440
agggcagtga	ggggtgaaca	tccagggcct	acctggctgt	gcacgctgca	gccacactgt	1500
ggaagctgcc	cctccccgag	gacccgcctc	ccttgctgat	gccaggatct	cggcgcatag	1560
accactctgc	cccagcgggc	gtcacagaaa	ggctctctctg	ttcctcacac	tcagcttcag	1620
cataagctgt	gaggccagaa	aaaaggtcag	ctcttctagt	atcgtgcagt	gcttaaaaac	1680
cgggagctcc	agccgggcgc	agtggttcat	gccagtaatc	ccagcacttt	cggaggccga	1740
ggtgggagga	ttgcttgagg	ccaggagttc	aagaccagcc	tgggcaacac	agcaagatcc	1800
tgtctttgta	aaaaaactaa	ccaaacagga	aaaactggga	gattttctgc	agaaattgag	1860
ttccagcctc	tctcgaacct	gggaagacct	ggcaggaggg	ggctgggctc	tcggctacag	1920
acttctcccc	accccgtagg	agctgaacgc	caaccatcct	gaccgcgcag	tgctcttggt	1980
ctcctgagtg	taccaggtc	ctcccaggtg	cggtgtgcac	cgagcgcgcc	tggcctgatg	2040
ccctggcctg	tgagctgggg	actcctgggc	cctgtgagcc	cctaggcggc	aggcccagga	2100
atggctgggt	aggacagggg	acacctttgc	cccacgtctg	gctgtgacct	cggtgaaagc	2160
cgacaggaga	gagatgggac	cctcctcctc	agtagtggct	gccagtccct	cgttgcagga	2220
cagggtcatc	ataaccataa	ataacccttc	acgtgtcacc	tgcaaaaaaa	aaa	2273

<210> 8921

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(985)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (310)...(984)

<223> similar to gi1049301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8921

aagggacatg	aaagtatcct	ttgagataat	ctttccattc	atcagtgttt	atctagcatc	60
tgctcaagag	tgtgctgcag	tggagggaaa	tcagatgacc	tcccagtctg	gttgtgttac	120
atacaatcat	gtgtaagaag	tgccattcaa	gccgtgtcac	tggaggggac	tgacagtgag	180
tgagtgtgga	taaagaggac	ctcctggggg	gggcaatgtg	agccctcaga	ctctgtaggt	240
attgcatttt	gcagtgaaca	ctggtagaca	tgttttgtgg	ctcaagccag	catgtgtgtg	300
atggtttagg	attcagtgc	ttttgatgat	ctggctgtgg	acttcacccc	aaaagaatgg	360
actttactgg	acccaactca	gagaaacctc	tacagagatg	tgatgctgga	gaactacaag	420
aatttgcca	cagtaggata	tcagctcttc	aaaccagtc	tgatctcttg	gctggaacaa	480
gaagagtcta	ggacagtgc	gagaggtgat	ttccaagctt	cagaatggaa	agtgcactt	540
aaaaccaaa	agttagccct	tcagcaggat	gttttggggg	agccaacctc	cagtgggatt	600
caaatgatag	gaagccacaa	cggagggggg	gtcagtgatg	ttaagcaatg	tggagatgtc	660
tccagtgaac	actcatgcct	taagacacat	gtgagaactc	aaaatagtga	gaacacattt	720
gagtgttata	tgtatggagt	agacttcctt	actctgcaca	agaaaacctc	tactggagag	780
caacgtttctg	tatttagtca	cgtgtggaaa	aagccttcaa	gcctgaacct	agatgttggt	840
tgccagaaga	accgttgcac	aaggaagaag	aaagcttttt	gattgcagtt	gactctgggg	900
aaatccttcc	attaatccat	tcacaccttc	cagggaacatt	taagaactcc	acnatgggag	960

aaagtctccc atggaaatgg gaag

984

<210> 8922

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (206)...(475)

<223> similar to gi65184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8922

aacaccagag	ttttaagag	atgttagaag	ccctgggagc	actgaacaaa	ccagaaagct	60
cccgaccctt	gatccctgag	ctccacctag	caagtaccgc	ggcagctaac	ctgggagaat	120
acccaacca	acagagactg	aaattcgctt	cccgagagag	taagtggata	attctaactt	180
gtccctaata	atggcctcac	aaaggaaaac	taaccgttgc	gaacggaaac	aactgaccgg	240
acagaacaca	gccacaaaac	acgagcccgc	accctgaatt	acaaaaacac	ttacggctca	300
tctactattc	gcaccacaaa	agcgccaggg	gaaagcacga	acgcagcccc	ccactatcac	360
aaattatgca	gtcgagtttc	ccacatttgg	ggaaatcgca	gaggtcagca	catctggaac	420
gcaatggata	agccgcgacc	atgagaaaaa	cgccttcatt	atcatggtat	ctcccgctga	480
cgcggccg						488

<210> 8923

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(776)

<223> similar to gil732073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8923

acactggtgc	gcctggcgct	gggcactgca	gagcagcgag	gggcctgccc	tggcctcctg	60
gagacactgg	gagcccttcg	agccatcccc	cccgcgcagc	tgcaggagga	ggccttcatt	120
tcacaggtgc	acagcgtggg	gctgtcagag	cgggacctgc	agcgggagat	caaggccca	180
ctggcccagc	tgcccgatcc	cgcgcgggga	ccccgcctcc	ggccacaggt	ccgcctcgcc	240
ggggcccaag	ccatctttga	ggcccagcag	ctggcaggag	tgcgacgagg	cgccaagcct	300
gaggtgcctc	ggattgtggg	gcagcccccg	gaggagccca	gaccaccgcg	gcggaaaccc	360
cagaccgcg	gcaagacttt	ccatgggctc	ctgactcggg	cccggggccc	ccccatcgag	420

gggcccccca	ggccccaacg	aggctccacc	tccttctctgg	acacccgctt	ctgagaggac	480
catggactta	gtgtccccc	gtctcaattg	cctgatggct	gatgccagcc	cggcaaatag	540
gcaccgcact	ttactcttgg	gactcgggga	cttggtctcc	ttcctggcaa	ggaccaggca	600
gtggggaagg	aggaggtcct	ccgtggtaca	tactgggtca	ggcactagca	tgaggagggg	660
tcacagagt	gggcacgtga	ggacccatgg	aaccgttctg	gtgcccaggc	cctcacaagt	720
accaaagcca	gcaccaaagg	agtcagggaa	gggcgttggc	tgagtcaagg	gaccccagag	780
ggcaccagga	ataaaatctt	cttgaacaga	aaaaaaaa			819

<210> 8924
 <211> 483
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (185)...(429)
 <223> similar to gi5305443 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8924						
tttcgtagcc	ggtgctgctg	caggctgagg	ctgcggcaga	ggcggcgagg	cgcgggcggt	60
gaggacggac	agtcaccgac	ttagtccagt	tccctgtgat	ctcaaaacaa	ttgttgcagc	120
aggctcctgg	cagtctcaag	cagttcatct	tcttggtgta	ctggtttcct	attgtgattt	180
tatcatggaa	aatcaattgg	ctaaatcaac	tgaagaatga	acatttcagt	accaggattc	240
tcttccatca	ctgcctgttc	cttcacttga	agaatcatta	aaaaaatacc	ttgaatcagt	300
gaaaccattt	gcaaatcaag	aagaatataa	gaaaactgaa	gaaatagttc	aaaaatttca	360
aagtgggatt	ggagaaaaat	tgcaccagaa	attgcttgaa	agagcaaaag	ggaaaaagga	420
attgggggat	ttgtttgtta	taattgaatt	attgatgatg	ttttaagat	tgataantaa	480
aag						483

<210> 8925
 <211> 906
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (45)...(644)
 <223> similar to gil83233 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8925
gtggcactcg gccggaactc ccgggtcgac gatttcgtgg aagcctcgcc tggggggcgg      60
cagtggcctg ggcggctctc cggctgctgt tgtatggctg cacgttggcg ctaccggacg      120
ggatgctgta tccccgagag agcccgtcgt ggcagcgcaa gcagctggac ggcctctgaa      180
gcttccgcgc cgacttctcc gacaaccgac gccggggcctt cgaggagcag aggtaccggc      240
gaccgctgtc ggaggcgcgg actcggggca gggccaggag tcgcccgaa gcccggcggg      300
gggaatgggt caggcccccac cgtggacatg ccggttcctt ccagcttcaa cgacatcggc      360
cagggctggc ggctgcggca ttttgtcagc tggttgtggg atgaacggga ggtgaccctg      420
ctggagcgat ggatccagga cctgtgcaca agagtgggtc tgaggattgg cagtgcccac      480
ttctatgcca tcgtggtatc ccaagggtta ctttgtccag aacacagact ttgacttctt      540
cagctacgca ggactgctgt ggtctctgct tctatacag acacccccca cctacatcga      600
tgacgtcacc gtcaccaccg gcgtgaagcg agacagtggg gagggcttct ggactggatg      660
gaggacctga agacgtgagg tggaggcaca ggtagaagag aagattctca ccatcgctga      720
ttcacacaaa agcatttctc caagtgggtg cagatgacat gatttcccaa agtgttagag      780
ctgaagtgtg tttccttgtg tatatatact gtggttcctt tatcccttca tctgtggata      840
gacagacaga gtcttgtctt tgttgcccag gctggaggtc agtggcgcg a tttcggctca      900
atgcac

```

<210> 8926

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (346)...(773)

<223> similar to gi4589622 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8926
gagcgcggac ggcggcggga gcgcgcgaga agctctagga cccagcagcg gttgtcgggt      60
ttggggctgg aggtgaagcc ctgtgtgaat ggggttgatt gtccggcgcc acttccccgc      120
gctgccccgc agccgtcttc cccagccgag ggactgaact agccatgac gcctcatgtg      180
gagggcaaag ttgcgccggg gaacttgtga gcctgcggtg aaaggggtccc cttctgcttg      240
ttatagcccc agtagtcctg tccaggttct agaagactcc acctactttt cccagactt      300
tcagctctat tctgggaggc atgaaacatc tgctttgacg gtggaggcaa ccagtagcat      360
cagggaaaaa gttgttgaag atcctctttg taacttcac tccccaaaact tcctgaggat      420
ctcagaggtg gaaatgagag gttccgagga tgccgcagct ggaacagtat tgcagcggct      480
gatccaggaa caactgcggt atggcacccc aaccgagaac atgaacttgc tggccattca      540
gcaccaggcc acagggagtg caggaccagc ccactctaca aacaactttt cttccacgga      600
aaacctcact caagaagacc cacaatgggt ctaccagtca gcacgccaag aaccgcaggg      660
tcaagaacac caggtggaca atacggtgat ggagaaacag gtccggtcca cgcagcctca      720
gcagaacaac gaggaactgc ccacttacga ggaggccaaa gcacagtcgc a          771

```

<210> 8927
 <211> 1258
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (169)...(1258)
 <223> similar to gi405192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8927

atTTTgcggg	aagaggaggc	gctgtacctg	cagtgtctgt	tttcttgctt	agactctagg	60
aactatccga	gctccactcc	ccacaacata	ctcaaaggaa	cggagagAAC	cgggaccccc	120
cctgcgggga	cccggaaact	atctgacagg	atggcatctg	atgactttga	catagtgtat	180
gaggcccatgc	tggaaagtcc	ctataaaaaa	gaagaggatg	agcaacaaag	gaaagaagtt	240
aaaaaggatt	atcctagcaa	taccaccagc	agcaccagca	acagtggcaa	tgagaccagt	300
ggaagcagca	ccatcgggga	gacaagcaat	cgtagtcgag	atcgggatcg	gtatagacgg	360
agaaatagtc	ggagccgaag	tccaggtcgg	cagtgtcgtc	accgtagccg	tagctgggat	420
cgtcgacatg	gtagtgtgag	gcgaagtcgg	gaccatcgtc	gtgaggatcg	tgtgcattac	480
aggagtcctc	cacttgccac	tggggagcca	gttgataatc	tgagtcctga	ggagcgtgat	540
gcccgcacag	ttttctgtat	gcagtttagct	gcccgaattc	ggcctcgaga	tctggaggac	600
tttttctctg	ctgtaggcaa	ggttcgctgat	gtacgtatca	tctcagatcg	gaactcacgt	660
cgttctaagg	gcattgccta	cgtggaattc	tgtgaaatcc	agtctgtgcc	actggccatt	720
gggctgactg	ggcagcgggt	gctgggagtg	cctatcattg	tacaggcttc	acaggcagag	780
aaaaaccgac	tggcagccat	ggccaacaac	ctgcaaaagg	gcaatggtgg	accaatgcgc	840
ctctatgtgg	gttccctgca	cttcaatatc	actgaagaca	tgctccgggg	catctttgag	900
cccttttggt	aagtgtagtag	aagtgtagaga	aacctctgaa	gggaattgga	agaagtgggg	960
agggtgagtg	tttgagtgtg	cttctctgtt	gtgcctggcc	gtgattaact	tgctgcatac	1020
gtcatagtgg	gcatatgagt	ctatgctgtg	aaagtttggc	tccatctctg	ttcatgtgct	1080
tgggtggacaa	ataagttaga	cacaaatcaa	ataataggcc	agggttaagaa	agattaaaaa	1140
atacaaaaaat	tagccaatgt	ggtggtgcac	gcctatagtc	ccaactagtc	gagaggctga	1200
ggtgggaggg	tcacttganc	ctgggaggtc	aaggctgtag	tgagcctcgg	aaaaaaaa	1258

<210> 8928
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (314)...(585)
 <223> similar to gi2104910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8928
tttcgtggaa aagagctggc tggaagacac atactctctg aagatcaagg gggaggccgt      60
ccgcgtacta catagcagtc acgtgaggct gggacaattc ctgtttacag agaactataa      120
aagccctgcc ccctcctcac ttggggctga tgccattcta ggccctcagtc tgtctgcac      180
caggtgctta ttaaaacagc gtgttgctcc acaccgcctc gtgttgctctg ttggcgcgct      240
ctccgggttc caaccaatgc aagagccttg gggctggccc tgaaacctgc gaggggcttc      300
cgtccacgtc cccagtggac ctaccacccc tccatctggg aaagcaggcc acagcagccg      360
gacaaaggaa gctcctcagc ctctagtcgc ctctctgtgc atgcacatcg gtcactgac      420
tcgcctactg gcacagacgt gtttatcggc caaactgacc ctcacaaaaa gctaccaccg      480
aagtggacag gcccctacac tgtgatactc agcacaccaa ctgcagtgag agtccgagga      540
ctccccaact ggatccatcg caccagggtc aagctcaccc ccaaggcagc ttcttc      596

```

<210> 8929

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (109)...(390)

<223> similar to gi804810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8929
tttcgtaaat aaacaaataa accccacatc cattcctggt aagggaacac attcttacgc      60
atccagggat aaaagaagat ttattttatg acagaatact ataagaaacc agtagtaaatt      120
atcatatatg atgtatcatt tattgataag aaaccaatag caaacataat acataacggc      180
ataaccttac cagtgtcctc attaaagtaa aaaaaacgag acaaagatgt ccactgtcat      240
ctccactatt caaccttggt ctggagtttt cagccaatac agtagaagac caggaaaaag      300
aaaaaagaag tacacatatt ggaaaagaag agttaaagtt ggcattaata acagatgatc      360
tgattgtcta cctataaaat tcaagataat tcatgataac taatactaga gttcaga      417

```

<210> 8930

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(626)

<223> similar to gi3702111 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8930
gctgaagaga cctggagccg acagacgggt ctgggtctgc cgcccaggat ggagtacaat      60
ggtgtgatct tggctctttg caacctctgc ctccctgggt caagccttcc tcccacctga      120
acctcccaag tagcgggact gcaggggtgaa ggccatgccg cctcctggga aagttccccg      180
aaaggagaat ctgtggctac agtgtgagtg ggggtcctgc tcctttgtgt gctcaaccat      240
ggaaaagttc tttgagcatg tctctcagca cctgcagcag cacctgcatg gctctgggga      300
ggaggaggaa gaggaagagg aggatgaccc acttgaggaa gaattctcct gcttgtggca      360
ggaatgtggc ttttgttctc tggacagttc tgctgacctc atccgccatg tctacttcca      420
ctgctaccac accaagctga aacagtgggg gctgcaggcc ttgcaaagcc aggctgacct      480
tggcccctgc atcctggact tccagagccg gaacgtcatc cctgatatcc ctgaccactt      540
cctgttgtct gtgggagcac tgttagaatt ccttcgacaa tcctgagtgg ttttatcggc      600
atgtggaagc acacagtctg tttctgtgaa tacga                                     635

```

<210> 8931

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(461)

<223> similar to gi5726236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8931
ttgctctttt cactatgggc aaacttccac cctccattcc tccttcttct cccttagcct      60
atgtttctcaa gaacttaaaa cctcttcaac tctcacctga cctaaaatct aagcatctta      120
ttttcttctg caactcctct tggccccaat acaaactaac aatggttcta aatggccaga      180
aaatggcact tttcatttct ccgtcctaca agacatagat aatttttgtt gaaaaatggg      240
caaatggtct gaggtgtctt acgtccaggc atttttcaca cttcgttccc tccatagtct      300
ctgttcccaa tgcgactcgt cccaaatcct ccttctttcc ctcacacctg tcccttcagt      360
cccaaccacg agcgtcgtct agtcttgtga ataactctat tctgctgaac catctgacct      420
ctcaccttct tcccagactg ctccacgaaa tcgtcgaccc g                                     461

```

<210> 8932

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (658)...(1039)

<223> similar to gi200543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8932
tttggggggg cagtatcatt ttaactaggg aggagagggga aggcttcct taagaggtga      60
tatttcaact caaggatggt aaagagggaa gccacaaaga cactcgaaat aaaggtttca      120
gggaagggac agacagcagg ggtggcggag aggtgggtgc ggggcaggag ggccatgaag      180
gcgctcgtgt ctctgcgag ggctcagggg gctcggcctg tcataaatgg acttaggctt      240
tgacagagca gtttagctgc cctaaagaaa cctgggaagg ttcccttggc acttgggatt      300
gtccgtttcc ttttctgtct atgtgcgctg tctatgctgg acttgagata attctccgga      360
gtccgactca ccaggagact cgggtgtcac ccagattgac cttcaaggct ctttcttgt      420
cagtccagta cccgtccct cgggtcacac gaccatccag aaacctcaaa ttcagtccat      480
gcttcttgtt ttgggtctcg gggctgggat aaggcggggc tgaccaccgc ggggcatgta      540
ggtagtttcc gtggtgctgg gggcgctctc cagggaagac tacttggtct gcagaaaagg      600
ccttgacttg tgcatactg ggcagcgggc ctatgagtgg cagcgagagc ggggtaacca      660
gagagggcac acccccaac cggagcgccc ccagggttgg catctccaca actgtagaac      720
ctccccatc agggcaaccc tcccgattgg gacaccgccc ccagccagac acatcctcct      780
agcagaacac ccatgcttag ccggagccgc tccccgcca gacacctccc caccgggaaa      840
ccctccccag tgggacaccc cagccagtc aggtattccc gccgttaggg acaccctc      900
cagccggagc ataccctcg caggggcatt cctctcaacc gagggaaacac cgccgcaacg      960
ggaacctgcc tgaaccagag caccataacg cgccggggac accccacagg cggctccgc      1020
gcacgaagtg gtcgatccg                                     1039

```

```

<210> 8933
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(826)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (578)...(807)
<223> similar to gil247388 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8933
ggtgctgcct gggctgggct ccagctcaca ccctccctaa aaggaaatgg gagaaaggac      60
cggccaaaca agaggggtta ggtagagaa gggggacaca aatgtcttca ggcttaggtc      120
cctgggggct cccagtctg ccctgttcc tctactcaca tccagctcc tccagtttc      180
ttttcggacc tctctctct cccttcttc tntattccag gctgggttgg gctctaagca      240
aggggagggg ttagagcttc ctctctctc gccctcccc atgggtctct agggggctgg      300
tgcaggcagc agcagaggca ctctgggcag ctgggtgagg gccatctgg gcaaggcccc      360
cagcgctgct cttctctccc ggggcctgt gggcaagcct cctgcttcac tttcaggttt      420

```

ctcgaagtgc	cttcttgctc	ctgtctgttt	ccccatcctg	ccagatttct	gtttctcttg	480
ctgggctttt	ggcagtaggg	ggctgtgttg	gtgggcccta	cgaagatgct	cagtgtcga	540
gatcgccggg	accggcaccc	tgaggagggg	gtagtgtgag	agctccaggg	cttcgcggtg	600
gacaaggcct	tcctcacctc	ccacaagggc	atcctgctgg	aaaccgagct	ggtaacagct	660
gcctcccaac	ctggtgcctc	catctccctg	acccccggct	cctggccagc	cttatgccag	720
ccccagctc	acccttcagt	agcctccttc	cccaagccct	ctggacacct	ctcctgcccc	780
cagctgcccc	ttcttcgtct	cctactctgc	cttcttgctg	cctca		825

<210> 8934

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (826)...(1133)

<223> similar to gi2429362 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8934						
gagtggtaaa	attcacagaa	gttccagggt	catcatgtca	ggatcattcc	ttgtgcaaag	60
tttgatgtag	atgaagataa	agtggtttct	tggtcaataa	ttgcaattgc	tttcttttaa	120
agtcagtggg	tttcttgtag	agttctatta	caattggccc	aagtttaatt	tcattccatct	180
ccatgaaagc	aaaacacttg	gtgctggtaa	accttttttt	aggctttag	tgtttgaatt	240
caaagaagat	agctgcacct	ttggtttaatt	tttcaacatg	cttctggagc	tcaatgtcca	300
cattaaaatg	aacatatgta	tcttcttttc	ttgaagccac	aggagtatct	tgcacaggag	360
ttaagtctat	gccattcaga	tcctttacac	taactgtaat	atagggattg	atgcactgcc	420
cagcatcttt	caaaccaatt	ttctcaattc	tgatagttag	taatgtcatt	cctgggtccg	480
atggcaacct	tggtataaaa	gtaccgggaa	ctctagcagg	aaaagaatca	ggagacctcg	540
ctccagcacc	accctcttct	tcatcttctt	caaattccaa	attctcttct	tcaccagggtg	600
ccaaaattct	tcttaattggg	acaggctgaa	catcaaattg	gaattcttta	ttatatgtaa	660
gaatattctt	taggattggg	tctagcttct	tcaggctcct	cagtttaaat	tcttcttgag	720
actgtgtgga	ctgtaaagct	gcacttcgca	attccaagca	tggtgcaatt	ttgcctatgg	780
tttctttttg	ttcttctgtg	aattcagaat	tattgtgttg	agcttggggc	tccttttgta	840
gatgtcttgc	taatatctga	tactcgtcta	tcgcctccac	cagctggccc	caagagtcga	900
agtcggcgcc	tctcctaaaa	ctggcgcccc	agcgctgcag	cagactccgg	gtcacctccg	960
acatggccgg	tccccacccc	gtcccctccc	gcccctaccc	cagcaaggcc	gggttctagg	1020
gcgccatcct	cccccgccct	ggccccgaca	ttaacagggc	caggaggaac	cgctacggcc	1080
accaccgcca	cccgccgagg	agccgcccac	gcccatttgc	cgcccatgta	t	1131

<210> 8935

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (407)...(709)
 <223> similar to gi1330342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8935
 agagatctca ggccgcagct ttgcttttct catgctcttc ctggctgggg cgtctgggtc 60
 actcactgga ctctcctctc cttagacctg tgcacaagca cacacgggaa ggcacctga 120
 caggtggtgg gaagagaagg cagctgcctc actgcggaaa gagcacggcc gctcctggac 180
 tccagccctg ttggggctgg cggggctcagc aggcgctggg ttccagcctc aggtgggggtc 240
 tttggagggtg gcctctgggc acaggcacct cctctgcggc cttctcacca ggtcacgggtt 300
 cagggaggct ttgccggcta cggagcctgc ccacaccaag gcgcgcacga ccacctgtcc 360
 agagatgcca cgcgggctgg gcggcgaagg ccaaggacac gccctgcctg gtgtcggggg 420
 caaaggttag gcctggaagg gaggtgtggg gtggggaccc cgaggccagg gctggggccgc 480
 tgagcttcag ggcccttggg gggctcaggg aggaatgccg gaggacccca gcatcaggag 540
 gaacccttg agagctacgg caggactcac ctgtggggca cagggaggga tcaccaggga 600
 aatggccctt gtggaggatc tcccctctac cccagggca ccaggggagg atctactagg 660
 gggttctggt ggaaggggccc acccggaag cggcgcgcg ggaggactcg acgaaa 716

<210> 8936
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (443)...(840)
 <223> similar to gi5824892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8936
 attcccgggt cgacgatttc gtcagtagtg tactgctgag gtcaggtttg gggccggttg 60
 gtgccgtggc gcgcgcaggt aagcgtcagt cccctcgaag cccggttgcc gtggaagccg 120
 cgtggggcgc cttcctcagc tcttcagttg agggtaaccg gggatcaagg gctcgggggc 180
 tcaattccac cttgaaggta ccctgggctg gaaacgggtc cggtaaaaac gcaatagggc 240
 tgcgtagtgc tgggcaagtg ggtgctgtct ctgcgccccg tgggcgtgct aagcacagta 300
 gcccgcggtc tgcggtgggg cgaggttaag ggttcacgaa gctgttttga aaacgctcag 360
 gcggcttgcg ctctgtaatg gtcagattta tcatggggtc tgtttaattt gtgtttttcg 420
 cagccattcc ttttatttgg agagggaaat acttcagctc cgggaatgag cctgcagaaa 480
 acccggtgac gccgatgctg cggcatctta tgtacaaaat aaagtctact ggtcccatca 540
 ctgtggccga gtacatgaag gaggtgttga ctaatccagc caagggttat tatgtgtacc 600
 gtgacatgct aggcgaagaa ggagatttca ttacttcacc tgaaataagt caaatctttg 660
 gggagctact aggtatatgg ttcattagtg aatggatggc cactggaata agcacagctt 720
 tccagctggt ggaactgggc ccaggtaggg gaaccctcgt gggagatatt ttgagggtgt 780
 tcaattgaat tggatctgag ctgattaaac gggacatttc tggacatttg tctgaagtag 840
 ttcatatcaa tagtggagag tcatacattt actctg 876

<210> 8937
 <211> 1091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (168)...(966)
 <223> similar to gill181628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8937

tttcgtggga	gagtaggcgg	agcagggcgg	tgcggtgtgg	cgtagagctg	gagggcgatg	60
gtggcggagc	tgctgggggc	ggaggcaacg	tagccccctc	ggaaaaggag	cccggcggcg	120
cctgagccca	gccgaggatg	gagaaccggc	ctgggtcctt	ccagtacgtc	cctgtgcagc	180
tgcaaggggg	ggcaccctgg	ggcttcaccc	ttaagggggg	tctggaacac	tgtgagccgc	240
tcacagtgtc	taagattgaa	gatggaggca	aggcagcttt	gtcccagaag	atgaggactg	300
gtgatgagct	ggtgaatatc	aatggcactc	cattatatgg	ctcccgccaa	gaggccctca	360
ttctcatcaa	aggctccttc	cggattctca	agctgattgt	caggaggagg	aacgcccctg	420
tcagtaggcc	gcactcatgg	catgtggcca	agctgctgga	gggatgccct	gaagcagcca	480
ccaccatgca	tttcccttct	gaagccttca	gcttgtcctg	gcattctggc	tgcaacacaa	540
gtgacgtgtg	tgtgcagtgg	tgtccactct	cccggcattg	cagcaccgag	aaaagcagct	600
ccattggcag	catggagagc	ctggagcaac	catgccaaagc	cacctatgag	agccatctgt	660
tgccatttga	ccagaacatg	taccctaacc	agcgtgactc	agcctacagc	tccttctcgg	720
acagctcaaa	tgcttctgac	tgtgcccttt	ccctcaggcc	agaggagcca	gcctctacag	780
actgcatcat	gcaaggccca	gggccaaacta	aggccccccag	tggccggcct	aatgtggctg	840
agacctcacg	aggtagtcgg	tgcaccaatg	ggggccacct	gacccccagc	tctcagatgt	900
catcccgctc	acaggaggga	taccagtcaa	ggccccgccc	aagcagtcag	gggcccacca	960
caaccttcca	tgatgcggtt	acagccttca	agcctccaga	acccaacttc	tcaatggaga	1020
gcagcgcacg	gcaatctgaa	cctgtgggtcc	ccttgcccag	aaggagaaac	tgagcttaaa	1080
gcctgggctt	c					1091

<210> 8938
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (177)...(837)
 <223> similar to gil293145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8938
tttcgtgtga ctccgtgggc ctggcgtgga ggcgggggcg ctaggctgca gctggctcgg 60
aatcggggct ggtttcctgt ctggaaggga aggggcctgc agaagggagc ggggacagca 120
gcagacaggc acaccctgc ctctctctct ccctctcctc ccttctctgg aaaagcgagg 180
acacggagtt gcagaggaag ctagaccatg agatccggat gagggaaggg gcctgtaagc 240
tgctggcagc ctgctcccag cgagagcagg ctctggaggc caccaagagc ctgctagtgt 300
gcaacagccg catcctcagc tacatgggcg agctgcagcg gcgcaaggag gcgcagggtgc 360
tggggaagac aagccggcgg ccttctgaca gtggcccgcc cgctgagcgc tccccctgcc 420
gcggccgggt ctgcatctct gacctccgga ttccactcat gtggaaggac acagaatatt 480
tcaagaacaa aggtgacttg caccgctggg ctgtgttctt gctgctgcag ctgggggaac 540
acatcccagg acacagagat gatcctagt gacaaggacc ctcacagaca tctccttttc 600
agagcaaatt tgctcttcgc tgaggcgggg gccagacttt tgaacttgcg gtttagagct 660
gtatggggcc tgtgtggaag aagagggggc cctgactggc ggccccaaga ggcttgccac 720
caaacttcag cagctccctg ggccgctcct caggaggcgg tgtccgggca tcgctggaca 780
gtgctggggg ttcaggggagc agtcccctct tgctccccc cccagttgtt gggtaaggcc 840
ttgcacaccg acaccaccct cagctgcctg tattctgccc acaggtgacc tttgaactgt 900
gttgagtgtg cagaacccat tttgcattgc tgccaggatg tgcagacaga tatgaatgag 960
cagtggccac gtagctggga ggcattccag cccacgcccc agagctgggc tgaagccagt 1020
ccagaagacc agtggggaagg caggagagact taggccttgg ggtcttacct ttttagcagc 1080
agcaaataca ttttattttt agagacaggg tctcactatg ttgccagga gttcgagacc 1140
tgcctgggca atatagcgag acccgttctt ccagaaaaag gaaaaaaaaa a 1191

```

<210> 8939

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(762)

<223> similar to gi4321407 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8939
tttcgtggcg ggagccaaca tagagccctc agtgggatga gggtgaaact gctattgccg 60
gcggctcctg ttttaccgcg tcagcatgct ggtgcattta tttcgggtcg ggattcgggg 120
tgccccattc ccaggcaggc tgctaccgcc cctccgcttc cagacattct cagctgtcag 180
gtaaaaacgg aaaaacctac tcagcgcggg ccattgaccg cccggcaggg cagtgccggc 240
ccgcccggag atggagtcca cgagcttgcg cgaggcttgc tgggagctgt aggccaggcc 300
taccgggggtg gaatgtcact ccgcggggtgt tggcctcaat tatttatagt gacactccag 360
tcgccagcag gaggtcctcg cgtctgcagc cgcgtgtcag ccagaaggag gggacgctcg 420
gggtcagtga ccacgcccag tccgcactcc cgaccggggg tcccccttcc tggccctgga 480
ggtgattgag cgatttgagg gaaaattctt attagtatga agagacattt aatgtagtgg 540
tgcttccagg attcaaagt agtcgaagaa gaactagaga tgttcagcag ggataaagag 600
ccaatctaag aggcggggcg cgggtggtcg ctctgtaat cccagcactt tggaaggcca 660
ggagttcgag accagcctgg ccaacatggc aaaacctcgt ctctactaaa aaatacaaaa 720
atttgccgtg attggtggca cgcgcctgta attacaacta ct 762

```

```

<210> 8940
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(659)
<223> similar to gi3600028 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8940
tcccgggtcg acgatttctg cgggtgcgacc cggagctcca gcgcccagagt ctccacttcg      60
tttgctgaaa cttgctttct accagctaag aaccatgctg cgagtgattg tggaatctgc      120
cagcaatatc cctaaaacga aatttggcaa gccggatcct attgtttctg tcatttttaa      180
ggatgagaaa aagaaaacaa agaaagtga taatgaattg aaccctgtct ggaatgagat      240
tttgaggttt gacttgaggg gtataccact ggacttttca tcttcccttg ggattattgt      300
gaaagatttt gagacaattg gacaaaataa attaattggc acggcgactg tagccctgaa      360
ggacctgact ggtgaccaga gcagatccct gccgtacaag ctgatctccc tgctaaatga      420
aaaaggggcaa gatactgggg ccaccattga cttggtgatc ggctatgatc cgccttctgc      480
tccacatcca aatgacctga gcggggccag cgtgccaggc atgggaggta agctgaccct      540
tctgaaggcc cagccacccc cagggggagg ctgctaaaga cacacaggag agtgtctgga      600
gaaacctgac cattgatcac aagcctgtag ctccctgccc acccagacag gggccccgcg      660
aggcaggtgg ggctgcctga attgagacat tgcaattgtt tatg                          704

```

```

<210> 8941
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (493)...(759)
<223> similar to gi1247388 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8941
tgaaattccg ggtagacgat cttcgattca gcctctgctc cactacttta ttacatctc      60
cttttctttc catttcatca acggaagcag ctaacagagc agattaggtt atttctttgc      120
tggcggcgaga aagtaaaaca tcacactgtc ctttctcacg agcctaaagc tcatccccga      180
cgccctaatc attacccttt ttaatggact taaagcttgc aaggctatct acattttctg      240
agaattcatg aactggcata aaatggtttg aaggtagaaa ctcttccttg ggacgagtat      300
aatctggtgt atcgaaatca acaaacccta caccagaagg gctaacttct gaaaaccac      360
caaattcccc aaattcatca tcatcatcat cctctgctcc attgtctaatt ggtgggtggg      420
atgaagagta cattcgaatg atgtctggct ccattgttca gttgctttca aataattaat      480

```

ttacacctgg	ctccttcggg	gcggctgcga	tgggcatggc	tcagggggccc	ggggaggaac	540
tgactccccg	gggaaggacc	gtctattccg	acgcggaact	ggtgagagcg	gaaggccggc	600
tgctcacagc	cctgtcagcg	cagcagcacc	atggacgccc	acccggagtt	tcaccgctgc	660
cgcgggaccc	ccatcccact	accctccgcc	ctcttcgcgc	gccgcccgcg	cctcctccac	720
ctcctccgcg	gagacccccca	cgaaatcgtc	gacccggga			759

<210> 8942
 <211> 2602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (921)...(43)
 <223> similar to gi3873550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8942						
gcgtcgacga	tttctgtctgg	aaagggcaga	gcaagtccac	tgtgggcact	gtgttttagtc	60
ttgagtcaga	ggaggaggaa	taccttgaa	tcactgcaga	agatagcaat	gacatttaca	120
tctgcccag	cgacaactct	ggacaagtca	gtccccaga	gtctccaact	gtgaccactt	180
cctggcagtc	tgagagctta	cctgtgtcac	tgtcagctag	ccagagttgg	cacacagaaa	240
gctgcccagt	gtcactaggc	cctgagtcct	ggcagcagat	tgcaatggat	cctgaagaag	300
tgaaaagctt	agacagcaac	ggagctggag	agaagagtga	gaacaactcc	tctaattctg	360
acattgtgca	cgtggagaaa	gaagaggtgc	ccgagggcat	ggaagaggct	gctgtggctt	420
ctgtggtctt	gccagcgcg	gagctgcaag	aggcacttcc	tgaagcccca	gctcccttgc	480
ttccacatat	cactgccacc	tccctgctgg	ggacaaggga	acctgacaca	gaagtgatca	540
cagttgagaa	atccagccct	gctacatctc	tgtttgtaga	acttgatgaa	gaagaggtga	600
aagcagcaac	aactgaacct	actgaagtgg	aggaggtgg	ccccgactg	gaaccacag	660
aaacgctgct	gagtgagaag	gagataaacg	caaggggaaga	gagccttggt	gaagagctgt	720
cccctgccag	cgagaagaag	cccgtgccgc	cgtctgaggg	caagtctaga	ctgtcccccg	780
ccggtgagat	gaagcccatg	ccgctgtctg	agggcaagtc	tatactgctg	tttgaggggg	840
ctgctgctgt	tgccatcctg	gcagtggcca	tccgggtagc	cctggctctg	agaaagaaat	900
aggaggcttt	tcagaagaga	aagacagaag	gatgtaaggt	tggagtgtga	ttggctggaa	960
tttgaacctc	cagcagctgt	ctggacattt	gtggaacact	ctgggataat	tggggacttc	1020
tgctcaacat	ggcagtggca	tgtaggcat	gttagggctt	gaggtggggc	attcacattc	1080
atctgactgt	aaatcccaag	ggcctccgct	catgctaaat	tgagaatctt	aggggtaaag	1140
cacccctcc	aggaccgggt	ttctcagcct	tggcactagt	gctgttctga	ccattctctg	1200
tggtggggct	gtcctgtgtg	tggtgggctc	caccacttag	atgccagtgg	cacccctcc	1260
cagagatgac	aaacgaaaat	gtctctagac	attgccaat	gtcccggtgtg	aacatcccct	1320
attgagaccc	actgctttag	cgagagaggg	tttacttagg	aagaattggg	atagaaattc	1380
ccagctgaga	gaacttagct	gtgggctcct	cagctactga	cttcttagct	cttaatcccc	1440
ttagaatttc	atctttctcg	atgagcaggc	tctgcacca	ctcttttttt	gcccccgcc	1500
ctcactctgg	agtgtgaggg	tgctcgcccg	tactctcagc	tgccctctcag	ggactgcact	1560
gttctctctc	acccccaggt	tctgtctaag	atcccacggg	cgagggcttg	ctctggactc	1620
agtctgtcaa	gtccccgaag	cttctctcag	ctccaccttg	taaaaatgct	gcctttggga	1680
atcttcgaaa	tatgtacaca	gagaaaatca	catgaaggag	acctggggtc	cccacttgtg	1740
agtgcactg	caagtaactc	tggctagaga	gacacatgtg	tcttgtgtca	aggcaggagg	1800
ataacccgga	tgaccttctg	aggtctcttc	agcccttttc	gctagtggtc	accaccacc	1860
atggttactt	gccagcaaca	tctctattgc	tggatggctc	ctgtctataa	ccttgggcta	1920

gtatatTTTT	tccaatatgg	gaccttagtc	ttactactga	tgagttctat	gggtctcttg	1980
ctagggggta	aggatTTTT	ttcttgggct	tatagagcca	gtagatcat	aattcttatg	2040
aaatagagag	tgtcctaaat	atcactgaaa	taaaaagtag	gaaaaagaag	cttgaatTTT	2100
aagactgagg	ctgctctgca	gattctagtt	tggctttcag	agttcaagag	tggtagcatc	2160
ttcacctgaa	ttcttcaatg	ccagggtaat	aaaccaaaat	agtcctaatac	agtatatgct	2220
agttgagcat	cggcataatt	ttctttcctc	tggctgatcc	cagccctaaa	ggaagggtag	2280
acccgtgtct	ttccagccct	aaaggaaggg	tagaccctg	tctttccagc	cctaaaggaa	2340
gggcagaccc	gtgtctttcc	atgcccaggg	gccacgacgt	cactatgcag	ggcacacgtg	2400
gcttggttta	aaaagggtcat	cttagattta	tcttagtaaa	tgaataaat	tatttttttag	2460
atcttgaaat	ttataataaaa	aatactttac	ctaccctgat	cacaaaaacc	tgatgtttta	2520
aatgtgcttt	ctttttgaaa	tttatgtttt	ccaaataaaa	tctccctaaa	gcaatatTTT	2580
aaaaattggg	tccaaaaaaa	aa				2602

<210> 8943
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (141)...(740)
 <223> similar to gi537433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8943						
ctgccgtctt	ctcctctcag	agatggatgc	cacaggttcc	gggcttcttg	ggctctggga	60
ggacgcgcag	cgaagggcga	ggtcgctata	tgaggccgct	ccaaagtcgc	ctcgcgctgt	120
tgttgcgta	ctgcctccag	cctccagcat	ccaggagag	tgcaggcaaa	aaggcagccc	180
ggaggggtgg	accccagggg	acaggacccc	cagaagggtga	cagagatcct	ggcagtgggg	240
gacctggggc	agaagggtgac	cccacctct	tcccgggctg	ccgctcaagg	ctcctgccgc	300
tcccgggctc	cagcgccctc	tcaccgggtc	ctgatcaggg	ctccctttct	caccccgggt	360
caggcagaag	gccccggacc	ccagtcccaa	agaaaacgga	ggctgcaggg	cttccacgca	420
ggagagaagg	ggagggtcc	tctccgaccc	gggtccttc	agcgcccacc	ccagcggact	480
ctgagagggc	gaggaggagg	tcgggggcta	ggttcaagcc	gactgggcc	ccggattcaa	540
gaaagaaacg	ggctcctgag	acgcctgtgc	atcagagggg	tcctggctcg	gcctgggatg	600
gggctcgggg	agagtcagac	gatctgccag	gctcccagcc	tgaggccgcc	ctccccggcg	660
cgaaccccc	gccccaccg	ctggggccct	catgcctttc	ccggcacgtc	gctccccggg	720
aggccgagac	tctgccacg	aaa				743

<210> 8944
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (212)...(657)

<223> similar to gi347455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8944

ggggtaccca	cttcgcagga	ggacccacat	tcctagccaa	atgtgggaag	tcactacttg	60
aaatgcctta	ggtgcctggg	tagcgtgcct	tcactagacc	aaactctagg	gatatcccac	120
gcagcactct	gcagagctca	ctataggtgc	attctttcta	tccatgaatt	tctcctcttc	180
agccccctcta	cgttggtgct	tcacgcatat	gcccattctac	gcgacccttt	cgcgtccacg	240
tcctttctaca	atggctcccc	cacctctatg	gtccgtagt	tagtttctct	ccgccacctc	300
acctctatga	ccctctatac	agttcctcac	tgacacagtt	tctttgcata	atcttctcac	360
ctctactgct	cctccacagc	atctcctcgt	cgtcctcatt	tctatagtca	tctgcatacct	420
ttttgtagtc	cctttgccct	aggccccgac	tagagaccct	cttccgcttc	tccttcccct	480
caactgggacc	tcaacacggc	gagagcacc	agcacgactc	ccgccaatcc	cccggcccaa	540
aggaatgcca	gtctctatcc	tcccccggtg	cttcaactccg	ctctactact	ccgagctccg	600
ccgcgcgggc	ccccagcccc	aggttaccac	ttttctctct	cccacttcgc	cggcaacgtg	660
agtcacgaaa	tcgtcgaccc	gggaattcgg	gggcggtaca			700

<210> 8945

<211> 901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(694)

<223> similar to gi3212996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8945

tttcgtcgga	ggccgcggct	cgtccccag	cggatgagct	gccgcggacg	gggcgcgggc	60
ggacgatgga	actccacatc	ctggagcacc	ggctgcaagt	tgccagcgtc	gccaaaggaga	120
gtatcccgt	gttcacctac	gggcctgatc	aaacttgctt	tcctgttctc	caagaccagg	180
tgcaagttct	tcagtctgac	tgagacacca	gaggattaca	ctatcattgt	cgatgaggaa	240
ggattcctag	agctgccctc	ctcagagcac	ctgagtgtgg	cggatgccac	ctggctggcc	300
ctgaacgtgg	tgtccggcgg	tggcagcttc	tccagctccc	agcctattgg	catgaccaag	360
atcgccaagt	cagtcacg	cccactggct	gaccagaaca	tatccgtgtt	catgctgtcc	420
acgtatcaga	cagacttcat	cctgggtgct	aagcgggacc	tgccctttgt	caccacacag	480
ttgtcatcag	agttcaccat	cctgtgggtc	gtggctagac	tgtagcagcc	gagaacctcg	540
gcatcaccag	tggcttcgtg	aagcccaagc	tgggtccagat	gccggtcatc	caccactgt	600
ccagcccag	caacagggtc	tgtgtcacca	gcctggaccc	cgacacgctg	cctgctgttg	660
ccacactcct	catggatgtc	atgtcctact	tcaatgggtg	aggatacaac	tagaagccag	720
cagtctacag	gctggaagaa	ggccctcacc	agaacccaac	ccttggactt	cagcctccag	780
aactgtgaga	aatacatacc	tgctgtttgt	cagacaccag	tctatggaat	tctgttacag	840
tagcctgaac	tcagacatag	cccttttcca	tttataaggt	ggttttacct	tatattttat	900
g						901

<210> 8946
 <211> 746
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (134)...(486)
 <223> similar to gi3406676 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8946
 ttctgtgtgg gagtacgagg ctgacgcggc ggccctgtcc ccgtaactgt gacacgggtg 60
 cagcgagcg tcattggggg cgatgggggc cgtgctgggt gcgcgtttgc gccagtgcg 120
 cagccgctgc atctccgcc gtcgcgcag gccagcatcc ttcagaaaaa gcatccccga 180
 ggaggaagac gaatcgtaa acatctgaaa gggtcaggcc agcatccttc agaaaaagca 240
 tccccgagga ggaagacgaa tcgttaaaca tcttaggtca gctctagcct ctcggaattt 300
 gtcttcttca gtggaaaccc cgagaagact gatcagttct tcagttctaa aacaatggcc 360
 caggggtttg tgacgttcgc cgacgtagcc atagactttt ctcaggagga gtgggcctgt 420
 ctgaactctg ctcagaggga cctgtactgg gacgtgatgc tggagaacta cagtaacttg 480
 gtctcactgg gtgagttgca cgcctcagat aacttagact gcctcctgga atatccgctc 540
 tccctgtgga atttcaggac cgcctttcaa gaaactagtt gaatttcttc ttctgtccc 600
 caaggaatgt attgagcctt attgatgtgg gccgtgagca ccacaacctt cccctcccat 660
 ccatcggtta ccttcccacc tttgtcgact ccccgtaat catctcactt ccttaatgtc 720
 cgtggaatga gtgggaattc tgggaa 746

<210> 8947
 <211> 878
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (421)...(745)
 <223> similar to gil59714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8947
 ctgtgcagtg tgctggaatt ccccggtcgc agcgatcacc acctgcacag taattcagtg 60
 cagcccatgc agctttccag cgttatccat caccacctgc gcagtaattc agtgcaggcc 120
 tgccagctt cccagcgggg tccatcacca cctgcacagt aattcagtgc agcccgcgca 180
 gcttcccagt ggggaccatc accacgtgcg caataattca gcgtagcacg tgcagcttcc 240
 cagcgggatc catcaccaca tgggcagtaa ttcagtgcgg cccatgcagc ttctcagcgg 300

ggtccatcac	cacctgggca	gtaattcagt	gcggcccatg	cagcttctca	gcgggggtcca	360
tcaccacctg	cacagtaatt	cagtgcagcc	catgcagctt	cccagcggga	tccatcacca	420
cctgcgcagt	aattcagtgc	aggcccgcgc	agcttcccag	cgggggtccat	caccacatgg	480
gcagtaattc	agtgcggccc	atgcagcttc	ccagcggggg	ccatcaccac	ctgcgcagta	540
attcagtgc	gcccgtgcag	cttcccagcg	gggtccatca	ccacatgggc	agtaattcag	600
tgcggcccat	gcagcttctc	agcgggggtcc	atcaccacct	gcacagtaat	tcagtgcagc	660
ccatgcagct	tcccagcggg	gtccatcacc	acatgtgcag	taattcagtg	caggccatgc	720
agcttctcag	cgggggtccat	caccacatgt	gcagtaattc	agtgcaggcc	atgcagcttc	780
tcagcggggg	ccatcaccac	atgtgcatag	ctctgggtca	ctttaaagat	cgcattacct	840
gagtgtctcag	tgttgctgta	aggaaatgtc	ctgctgaa			878

<210> 8948

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (919)...(667)

<223> similar to gil651678 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8948						
ggtacgtatg	ttaggatgct	ctagaccggg	cgccccggaa	cggttatggg	gtctcgatac	60
ccatttcctt	ctttcagtat	gaagagaggg	agaatggaaa	gcggggagga	agcacgggtca	120
cgggaagttg	ttattttaaag	atggcagata	ttaccaatgg	gcgtttgtgg	acggagagat	180
cacgggagaa	ggccgcgggc	actgggcctg	gtcaggagac	accttctctg	gacagtttgt	240
tctgggagag	cctcaaggct	acggcgatcat	ggagtacaaa	gccggcggat	gttatgaagg	300
ggaggtctcc	cacggcatgc	gggaaggaca	cgggtttctg	gtggaccggg	atggacaagt	360
gtaccagggc	tccttccatg	acaacaagag	gcacggccct	gggcagatgc	tctttcagaa	420
cggtgacaag	tacgacggcg	actgggtccg	ggaccggcgt	cagggacacg	gggtgctgcg	480
ctgcgccgac	ggctccacct	acaagggaca	gtggcacagc	gacgtcttca	gtggactggg	540
cagcatggcc	cactgtctcag	gggtcaccta	ttatgggttg	tggatcaatg	gccaccacgc	600
agaacaagct	acgaggatcg	tgatcttggg	tccggagggtg	atggaagtgg	cccaagggtc	660
tcccttctcg	gtgaacgttc	agctgctgca	ggaccacggg	gaaattgcca	agagtaagca	720
tctccagggg	gagatgacct	aacgtttcca	aaagagaaac	aggcagcagg	ttcttaagca	780
gtgaagatgc	ggacgagatg	ttgcatgtgg	ctcctgaggc	acagcagtga	cttcgtgccc	840
agagcctggc	agagaggctg	caggtgtgcc	agcttccctg	ccagtcaggg	cagccttggg	900
tgtgtgtgca	agcatgtgtg	cacatc				926

<210> 8949

<211> 2454

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (416)...(2197)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8949
ggcacgaggg cactctcagc agtaggcgca accgtgctca ccccgctgct aacagccttg      60
cttagtcgag gctccgaggg agcagcagcc ataagaaaaa acaggagagg aaggcgatgt      120
ggcgcttctg ccggggccctc agactgggga gtgtgaggaa acctgtagga agtgctcaggg      180
actctggaaa gaacataatg gcctcacctg tgaagagctg gctgaaaaag acgacatcaa      240
gtaccgtacc tctattgaag aaaaaatgac tgctgcccgc attagaaaat gccacaagtg      300
tgggactggc ctcacataat ctgaaggctg caaccgcatg tcttgccgct gtggtgcccc      360
gatgtgctac ctctgtcgag tttctattaa tggatatgac catttctgcc aacatccccg      420
ctcaccagga gccccttgcc aggagtgttc aagatgctct ctctggaccg atccccactga      480
agatgatgag aagcttattg aggaaatcca gaaggaggct gaagaggaaac agaaaagaaa      540
gaatggagag aacaccttca aacgcattgg acccccgcgt gagaagcctg tggagaagggt      600
gcagaggggtg gaggccctcc cgaggcccggt tccgcagaac ctgccacagc cacagatgcc      660
accctatgcc ttcgcgcacc cacccttccc cctgcctccc gtgcggcctg tgttcaacaa      720
cttcccactc aacatggggc ctatcccagc cccgtacgtg cccctctgct ccaacgtgcg      780
ggtcaactat gacttcggtc ccatccacat gcccctggag cacaacctgc ccatgcactt      840
tggccccag ccgcggcatc gcttctgatg gccccgaatc cctcccccaa ggctggtgtc tgtaccattg      900
ccgtttgggg taggagtgtg gatggagaac cctcccccaa ggctggtgtc tgtaccattg      960
cactctaagt cagcttgaag ggtaggctgg ttttcttccc accccttccc tagaagggtg      1020
actgtcctg gaagagtggg cgatccata ataaagacgt cccaaatggt ggagtccgga      1080
gagagtgcg atgtgaactg gccctcccct cgcaccccc aggccaccaa cggcagtcct      1140
tctgccttgt ccatggcata ggcatagac caggteectg ctgctcacac ctgggcctct      1200
cctcgagacc gaccctggg tagcaaggca gccgagagca tctccctgga gggggccacg      1260
ggtgggcaa gggcagaggg ggctgcacct gcgggcctgg gaagcattgc tcagggtggg      1320
gggctgggac catggcccgc agaggcactg ccacagctgt gaggggccaa atgctgtccc      1380
cccatccaaa acccgtgcgc cactgcagtg agtggtgagg gcacctctcc tcccccttta      1440
cacctactca gatgaggcag cagcagaccc atctcgcggc ggggggtttt ttctgttgcc      1500
gcctaacttt ctcatcctcg gtctctggaa agtcaggctg agaaatcctt tcccaggcca      1560
ggcgcgtgcg gtacactgga tggttctgaa gctggcccat tgaaagagcc tcttaaggca      1620
gctgggacag aggcctggtg gccctgctgg gcagcccaac tgctggggga gacgtttctg      1680
ccaccctggg tgatgagcag cttttccccc ctggctttct gggggaggag tgggcctcct      1740
tagggagaca ggtgaccctg ggtgccaccc ctgcccctg tgtgccccgg gtgttctcag      1800
tgggtgctga aggcaggtag aggggtgctg ccagtatccc ccatgtgaag gtcacttccc      1860
ttctcatgga gtcagctgag catcagctca gccctgccat gtccccactc accctcctcg      1920
cctcctgttc ggccctgggt ttctagcgtt gctgaggca tcaactctgg ccattgacag      1980
atgagaggtc tgaagccttc ctggccacag gcatcacttt ctctctctcc tcatgccctg      2040
ccttgtcctt gtcgtgttgc catgggggtt tgagaggctg ggagttcaca gacctcagac      2100
acagctgagt ccgacaacca ttgggggttg ggctgcatca gtctccggag tggcccgcca      2160
cctcctgaag cagggcctgg cccacccaag gtgcctgggg gcaggcgggg caccgtcatt      2220
cggttgccat tggtttctca gatgtatttc aaggactaaa gtgggctcta agatctaaga      2280
tggcccgggc cgggtggctcc cgccttgtaa tcccaagcac tttgggaggc cgaaggcggg      2340
cggaatgagt ttgaggctcg gaattttgag tccccgctct ctaactaaaa aatacaaaat      2400
ttagccggac aaaggtgggc gcatgcctaa taaatcccag gtacttcaag gagg      2454

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<210> 8950
 <211> 1182

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(1005)
<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8950
ggagggaaca tctttgaggg taattgttat ggaaaagaca tcctcagtgt gcacaaggaa 60
gcctctattg gacaggaact ttccaaattt aatccatgtg gaaaagtctt caccttaact 120
ccagatcttg ctgcacatct tggaattctc aatgcaagac aaccatacaa atgtaaggaa 180
tgtagaaaag gctttaagta ttttgcaagc cttgataatc acatgggaat ccacattgga 240
gagaaattct gtgaatttca ggaatgtagg agagccatca ctcatctctc acacctaaag 300
cagtgtgtaa cagttcatac tggaaagaaa tctaaaaaga ctaagaaaca tgggaaatcc 360
ttcactaatt tttctcaact ttctgcacat gtgaaaattc ataaaggaga gaagtccttt 420
gaatgtaaag aatgtggaag atcctttaga aattcctcat cctttaatgt tcacattcaa 480
attcacactg gaataaaacc acacaaatat acggaatgtg ggaaagcctt cactagggtca 540
actcacctta ctcaacatgt aagaactcac actggaataa aaccctatga atgtaaggaa 600
tgtggccaag ccttcaactca gtacacgggc cttgctatac acatacgaaa tcacactgag 660
agagaaaccc tatcagtgtg aggaatgtgg gaaagccttc aatagatctt caacgcttac 720
tcaacataga agaattcaca caggagagaa gccttatgaa tgtgttgaat gtgggaagac 780
cttcattact tcttcccatc gtagtaaaca tttgaaaact cacagtggag aaaggtaaata 840
gcaagatagtg tgggaaagaa tttctgtatt cctcacccca cctgtgaact cctaccagag 900
agaaaccttt tgtatgtaaa gaatttggga aagcatttgc tctttcctca tgcctaagta 960
tgcattgaaag aattcacact ggggagaaat actatgaatg taaggatatg agtgttggtta 1020
ccatttagcc cattgggtgc catctttaat tattggcagt gcaaagatca tcagattagt 1080
cctaaatgcc ttttgagggt tgtaatggct cacagattgg ccttagatgc atcccgaggg 1140
tctgaaatta aacctacagg ttctgaatac aaaaaaaaaa aa 1182

<210> 8951
<211> 913
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (212)...(877)
<223> similar to gi2407788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8951
cgaactcccc ggctgacgat ttcgtgtccc ggatggcctc ggggactgcc agtgtgtgga 60
ggtgagctcc gggattgccg gcattccccg ttctgctggt tgcttcatgc tgcaggctgc 120
ggcgcgcagc cctgcctcgc attggtggcg ctgaggtgcc ggggcagcaa gtgacatgtc 180
gtcgggcctc cgcgcgcgtg acttcccccg ctggaagcgc cacatctcgg agcaactgag 240

gcgccgggac	cggctgcaga	gacaggcggt	cgaggagatc	atcctgcagt	ataacaaatt	300
gctggaaaag	tcagatcttc	attcagtggt	ggcccagaaa	ctacaggctg	aaaagcatga	360
cgtaccaaac	aggcacgaga	taagtcccgg	acatgatggc	acatggaatg	acaatcagct	420
acaagaaatg	gcccaactga	ggattaagca	ccaagaggaa	ctgactgaat	tacacaagaa	480
acgtggggag	ttagctcaac	tgggtgattg	acctgaataa	ccaaatgcag	cggaaggaca	540
gggagatgca	gatgaatgaa	gcaaaaattg	cagaatgttt	gcagactatc	tctgacctgg	600
agacggagtg	cctagacctg	cgactaagc	tttgtgacct	tgaaagagcc	aaccagaccc	660
tgaaggatga	atatgatgcc	ctgcagatca	cttttactgc	cttgaggagg	aaactgagga	720
aaactacgga	agagaaccag	gagctgggtc	ccagatggat	ggctgagaaa	gcccggaag	780
ccaatcggct	taatgccaga	gaatgaaaaa	gactccagga	ggcggcaagc	ccggctgcag	840
aaagagcttg	cagaagcagc	aaaggaacct	ctaccagtcg	aacaggatga	tgacattgag	900
gtcattgtgg	atg					913

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<210> 8952
<211> 1314
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (676)...(79)
<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8952	
tttttttttt	ttcgtctctc
ggtgctcagt	gctccaagga
gggaggcaga	ggaggaacat
tcatagcaca	tctccagtt
gggagaggag	gaagaaaaat
atgacgtgag	ctggtgatcc
aaccaaggga	agaatgcgga
actgggggca	gagggaggag
cccggccggc	gtgtcctcag
cacttcaggg	tggggggccg
acggaggccc	caaggggctg
gtgggcgggc	ttgctgggtg
tttccactgg	cccccgccg
gctcgaaaga	gagagagaga
gatgagcctg	cagaccatgc
tccctctgag	gcaaaaaata
aacgggggca	gggatggtgg
caagtccacg	gctcaaaaac
cccggccctc	ctcgtgggtg
cgatgctgga	gttgtccggg
aggcggcctc	gccctcgaag
ggaagctatg	gagacaagag
tttttttttt	tttctctcaa
gggagggcaga	ggaggggaga
tgatagcaca	tctccagtt
gggagaggag	gaagaaaaat
atgacgtgag	ctggtgatcc
aaccaaggga	agaatgcgga
actgggggca	gagggaggag
cccggccggc	gtgtcctcag
cacttcaggg	tggggggccg
acggaggccc	caaggggctg
gtgggcgggc	ttgctgggtg
tttccactgg	cccccgccg
gctcgaaaga	gagagagaga
gatgagcctg	cagaccatgc
tccctctgag	gcaaaaaata
aacgggggca	gggatggtgg
caagtccacg	gctcaaaaac
cccggccctc	ctcgtgggtg
cgatgctgga	gttgtccggg
aggcggcctc	gccctcgaag
ggaagctatg	gagacaagag
tttctctcaa	gcttccaaat
ggaggggaga	ggaggggaag
cagtccagct	gtttgcaaac
aggggagggc	aaaaagaaaa
agaagggcaac	
gaaccgtttt	acctgtgctg
aaaaaaaaat	cagaagaaac
tacaacttga	gacgaggcgg
tctggtgctg	gtggtgctgg
gcagctcccc	caccccaaac
agcaggtgag	gcagcgggcg
gggctggacg	gcctgtcttc
gggtcggttac	cggagtgcaa
ggcggacaca	
tcccctcctc	cccaatccca
ccggtgggaa	
ccacaaataa	atttacaacc
agccctgcc	
cgccaggctg	aggcggcagt
gggctctagg	aaggcccggc
agcgaggggc	
gggcgggagg	gcag

<210> 8953
 <211> 1441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1442)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1048)...(0)
 <223> similar to gi433482 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8953

tttttttttt	ttgctgttgc	caactgttta	ttcagggccc	tgaacgggtg	gtgctgggac	60
atgcaacaca	ctcggggccc	cagcagcgtg	accggccgct	cccaagcccc	gggcgcacaa	120
ccacagccag	gagcagcccc	tgccaccact	gggccaccgt	ccagggcccc	acaggaccag	180
ccgaaggtgc	cccggggccga	ggccagctgg	gtcaggtgta	cccctagcct	ggggttgagt	240
gaggagcggc	acccccagta	tcctgtgtac	cccaagttgc	ccaggaggcc	gagggggcct	300
tgggtcccat	ctgcactggc	caccccggtc	caagcatcac	agctgcgtga	gcaggtttgt	360
gtgtgagcgt	gtggcggggc	ctggttgtcc	ccttcctaag	gcgtaactgc	tataagcatc	420
tccacctctc	ccgctcggga	aaaagccaca	gagcctggcg	atgtcctcaa	ggggtcccgg	480
tggctccagt	gcacccagca	cacctcagcg	cctctggctg	gcaagccagg	agaagaaggt	540
gcgaggccgt	gggcgaggtg	cctggaggac	gcgcatggtg	cgtggggagc	gccaggcttt	600
gatggtggcg	tcgtcgctgg	ccgtgagcag	cagctcctgc	tcctggggac	tgaagaccac	660
tgagttgacc	acatcctcgt	gccgcagcct	ggccagacag	atggtgtagt	ggcgggccca	720
gatgtagccg	tgccggtcct	ccgccccgct	ggccacgaag	tccttgcctga	cgtccaggaa	780
gatgaagaag	cactcgtcgt	tgggcgtgta	ggcgcggtgc	gcacgcagag	cccgcctcac	840
ctcccccatg	gtcttgaggt	cgaacaccag	caggtcaatc	tcctccgcga	ttggtggcgg	900
ctgcatgggg	tcggccacca	ccgcaccggt	gggccaggcg	cggctgttca	cgtacaggta	960
cctgttgtcg	ggcgacaggc	ccatgccgat	gatgtgtccg	tgtatgtcta	tgacgtggtc	1020
cagcgcgtcg	aagaaggcat	cggagccccg	gccctcaccc	agcacggggc	ctgccgtggt	1080
catctggtgt	ggcaggatct	gcttgatgcc	tgcagggagg	gctacggtga	gggtccctgt	1140
ccaatgcccc	aaggacatca	ctccagggca	gcttcctacc	tcagtgggtg	ctctggggct	1200
gtgagcacca	cagaggctcg	tgggcactgc	ctgctccggg	ggccccagac	ctgaatcagg	1260
cccgtcgggt	gcttgctggc	cagcggccct	gcgtgcgttt	gttttcactg	ctcatcccac	1320
aggccccagg	tttgagcttg	tgacccagg	ggcgagtga	cgtcccagc	tttgctgtg	1380
gacttgcttg	ctgtctgccc	ctcaggaccc	ctgcccggcc	tcnccaagc	tcctaggacc	1440
g						1441

<210> 8954
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (231)...(714)
 <223> similar to gil695235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8954
 ttggagctgc tgggaaagt acatgagtag aagggttggg ttaaagcatg gaaacacctc 60
 tgtctacacc agctcacgat aagcctgaag aggagtttgg agtccctcag acgctttcgg 120
 caccacttag tcagcggggg gaataatagc tttccgggaa ataggcccg gacgcgggaa 180
 gggaaggga ggaaccccg tgggaaagac cttactcatt ctgccccttg cagtcagcac 240
 ctgaggagaa gcagcgggga aaagaagtgc caagctcgcc gcgttgacca gtgtcagggc 300
 cgagtagcca caggacagaa ctgagaagcg agtaccacaa tcaagcctgc cgcgccattt 360
 atateccagc atgcgtttcc cettacctgc accgagcctc ccgccccgtt tacatccacg 420
 caggcgtttc cccttacctg caccgagcct ccattcccgt ttatatccac gcaggcgttt 480
 ccccttacct gcaccgagcc tcccgccccg tttacatcca cgcaggcggt tccccttacc 540
 tgcaccgagc ctcccgcccc gtttacatcc acgcaggcgt ttccccttac ctgcaccgag 600
 cctcccgccc cgtttacatc cagcgaggcg tttcccctta cctgcaccga gcctcccggc 660
 ccgtttacat ccacgcaggc gtttcccctt accgaattcc accacgctgg ac 712

<210> 8955
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(748)
 <223> similar to gil546900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8955
 actgttcagt tgctctcctg gatggcttta tgtctccgcg gtgtttccta gagtctcggc 60
 gtttctacct cttegcaccc tttcctgcc cctttgtcc cctggaagcc cggagacatc 120
 agcggctgca attttgctac tcgctgctcg gcgtggaact gtcaggacaa aaaataatat 180
 ccaaagatat tttggcacta acggcgctat ctgtagcaag aaagttgagc agtgtgaact 240
 gttgagactt ccaaggagac ttcagacaac caagacagtg taaaggaaaa cagagaaaaa 300
 gacttgtag acattattaa gggcacgaaa gttgaattga gcacagtaaa tgtacaaaca 360
 acaaagccac ccaacagaag tccacttaaa agctacaact ggcccgcctc aaagagctac 420
 agagcatgct ccaaagaaga gaaatgagcc cgtgagtcct gagttggtgg cagctgcac 480
 tgctgctctg ttttgacaag caaacaagcc agaactgctc aggagctcc gtagcatgag 540
 gaagagtcag gggcacagag agatggagag agacctagtt agagagcgaa ccatgtgctg 600
 gatttagcca gtccctgcat tttctatact tcaaatacaa acggggccatg cttcacatct 660
 acccatgatg aataggggta ctttgattaa gaataaatag agctgactga attctgaaca 720
 agataaacat attcaagggg aagag 745

<210> 8956
 <211> 625
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (478)...(625)
 <223> similar to gi2854198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8956
tttttttttt ttatctttaa aaacagattt taatgtgtta aaaaaaaaaat agaatcaagt    60
ggtgtgcttc gccactgaga tgatttgtct gtggctccgg ggccacatag caccagggt    120
cgatagcaga caggagtttc ggccctcgtc cagtgcattg gactgggtgca ggggcggagg    180
cccagcccca cgggggccag agcaggaaca cagccacctg ttccaacagg cgctgtgcct    240
tgtatgcccc gtacatgtgc ctgccctgag aggagcatgg gccaggcctc tcttccagct    300
gtgccccag ggtgccagtg aggcaggcgg acctctcacc aacagagctc ctccaagcca    360
tgctggattt ggattcctgg aacccctgt acccatgcgg tgggccaccc cagggggagg    420
ggaggagaga tgggagactg tgtgtatgtc ccctccctcc aagtgcagca ggagaaaggt    480
caactgggctg gcctggtcac acaccgtcat aggggcctgc tggggtatgc ccgatgcccc    540
ccagcctcgg ggccatgctg atgagtgagc gcaactgcac cagcctcagt ggccccacct    600
ctctgggggtc ctggttctcc agcca                                     625

```

<210> 8957
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (65)...(440)
 <223> similar to gi2443581 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8957
tgcactacta aaatggacac ttaaaaattg ttgctctctc ctctgctcgc attttcactc    60
tgccatgccc tgctctgaag agacacccac cgttacccac agcaaacagg ctggtttgca    120
gaggaaggca gcatgcagct ccgttttgcc ccattctctg agcaggccac aaccctgact    180
cagggatcca cacaggccac aggctatgac ctcaacggtg cctatgatga tacaatacca    240
cctatggaga aagctctagg gaaaatggac attcagatag ctcttccttc tggatgttac    300
agaagagtag ctccatgggt tggattagct gcaaaaacct ttattgatag atgaagatta    360
ctgagaaaat gatgggtgctg tactgtttta ttttggcaaa aaaaagcggc cgctcgagcc    420
ggggaattcc accgactgt gctagta                                     447

```

<210> 8958
 <211> 1743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (257)...(1568)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8958
gagcgccgcc ctggaggcgg tggctgggat aaacgtgcac ccagcaggac tcgccttggc      60
tccgggtttt gcttgtgctc acatgtggca ccatccttgg ttgccctcct ggagaaggca      120
ttcacggcct ggggtgggat ggctgggctg tagtttagcc tgggccttgg gccccagtgg      180
gggacagggc ctgtctgcat gaagtggaac cggagacctg cagaccccag gaaagtgtca      240
ctaattggag ggaggggagc gcagtcaagt ggctggtgcc catggggtga agccaccatg      300
ggctgggggt gaagagccgg caggaagggg accagtcaca gggagtgtgg acagtacagg      360
gtttgctttc tgctcctgag ttggggtgtg cagcgtggag cccacagcct ggttctgggc      420
cagggcacag tgccaggggc tccgctctga cctccaggag ggagactggg cccgggaccc      480
ctgttttctg ctccctggac tgcttagccc tgagtgccac ggatgaccag cgttctgttt      540
tctcttctca ataaccctat ctcttcacac atccccaggc ccagtgcctg ccggctgtgg      600
tgacctgcc tgggtgctgga gggcagtatg ggaggcacca gtgtgccctg ctcaccccat      660
tagtgtcatc ctgccatctt ctgtgtcccc ttggccctgg cacacacca tgtggcaaac      720
acgggcccgt aggcctccctg aacagcttcg aggcgggtgg gcttctggag ccctcttggc      780
tctgaggaca gccacagtgg ggtcagacgt cagggattgg tgcagcccca cgtcaggggt      840
gattgtcttg actttctctc catttgagtt ctggggtggg ttgctccctt ccccttgcct      900
tacaggtgct gtcctgggca caggaggtac gcgcctgggc tctgccactg ttctcttccc      960
tctgctgcaa agcccagtta aggaaatgtc ttcaggttca aagagatagg atggtctggg     1020
ccccacctgt tggaaaggga cagccaggga agaaccacct gcctgggcag ggcctgcctt     1080
gagggagggc ctggggcagg gcacaagggg ttgatctcag cccacaagcc ccaggggcag     1140
cccaggaaag caggcgacgg atgtggatcc tgacctctg agaggtgtga ggtgcaggga     1200
taccacctc tccttgacg gccgcgcacc ccttaggaag tggctgtcca gcgcctgcct     1260
gtgctgggcc tgggagagga gctgtcttgc cagggtccc aggcagggag aggcaggtga     1320
ggttctcagc cgatgtgtta gaggttgagc atcgctgtg cccagcttgc tggctgtcag     1380
tgcttgatgt gcccacctc agctaaaacc cagagctggc atgttggtca tccccacctc     1440
agacgggacg cccagtccag agctggtgag ccctgggcca gcctttgggc ctggcctgcc     1500
ccattcaccg gccagcgccc cacctccctg gctggagggg cggggagggg ctggcagaga     1560
tggttggtcc acagggctag ccctgggtgg tgggagaggg gccaggggtc agggtgagag     1620
agagctgggc caggagctg ctgcaggatg attttgaggt gtgggggaag cactcttgag     1680
gttggttttg gtttgctttt taaaaattgt ggtaaaatac ataacaaaag taacaaaaaa     1740
aaa

```

<210> 8959
 <211> 717

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (223)...(717)
 <223> similar to gi439877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8959
ttagtccagt gcggtggaat tcctgagctt gaaaaaaaaac tgaaagagaa taaaatatct      60
ttagagtcgg aatatgaggt acggtatggt aatatagtct ctgtcttata acaatcagtt      120
actggtttta tctgccttaa aagtattagt agtacagaaa aaaattacgt tgaatatata      180
tggtatttga taaactgtat attcatttga aaagaaaata aaaagatgga tccatactta      240
atatactaca aataaataaa ttccagatgg atcaagaatt tgaaagtaaa aaacaaaaatg      300
ctaaaagtac taggagaata taaatggaga attttgtttg ttgtcttgag tcaaaaaaagc      360
ctattttaat gtgatataaa acccagaagc tctaaaagta aagatcaatg ggttcatata      420
tacaaattca aaagttaaga atgaaaaaag tatataaagt cacagattac atgagaaatc      480
ctacagatat agtttaatat tatcatggca cattaattta cttaaatatg aagaccatct      540
tcaaatcaat gtgaaaaagt tcaacaattc atttgttcag taagaacatg ggaaagcata      600
gcatgtaaaa cttttggaca aaaggaaata agtatcattc ttaaacadat gaagagatgc      660
tcaatttatc ataataggaa tgtcaaagtc taacgaggta tcacttttca cccatct      717
  
```

<210> 8960
 <211> 1844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1845)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1319)...(1844)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8960
cagaactntg ggagtcgag gcagacagat cacctgaggt caggagctca agaccagcct      60
gaccaacatg gcgaaaccct gtcgccacta aaaacacaaa attaggcctg gtggcgcatg      120
cctgtaatcc cagccactcg gtaggccgag gcaggagaat cgcttgaacc caggaggagg      180
gaggttgceg taaactgaga tcgcgccatt gcattccagc ccgggcacca agagcaaaac      240
tcggtctcaa ataaataagg ctctaacaat tgttctcata ttttaacatc cacaatgtga      300
ttcaagatgt aatcaacata aagcttgatt gcattatctt gcatgctaag ttttccaaat      360
ccagcttcgt gtcacaccta cagcacatct cactcaagct ggccacatcc ctgccatcca      420
  
```

gacgtaaaac	agtcacaaga	cagggctggc	agggccgcgg	aggaggccgg	caggggccat	480
cacggagtgc	ccatcctgca	ctgtgggtccc	agcaagtttc	ttcctcctgg	caagaagcct	540
gtcccaggct	ggcaggggac	agcgtgaggt	gcagcctatg	gactgggaaa	ggggtgtgga	600
agggccacac	ctaagtccta	aaatccaggc	ccaaaagtgg	cccaactcac	ttctctgact	660
ttaatcacac	aggcataccc	ggtggcaaa	gagtatggga	aatggagtca	ggctgggtag	720
ccacgagccc	aggaagaagg	gagaacagac	ttggagaggg	caggagtctc	tggccaccag	780
gggctaaaga	gccttcgatg	aggcagtgat	gtggggctcct	gggctcagac	ccagggtggg	840
tggctaagg	gcccttgcca	ggacttagcc	accccaacag	agatggggtt	cgtgcccacg	900
agagtgcctg	tgccttgtga	cgagaattca	ccatgttttt	gtctctgcag	gcagagaaca	960
gcattgactt	catcagcagg	gagctgtgtg	cgattccat	caggaagctg	caggcccatg	1020
tcctgttgat	caagtgagtc	tggacccatc	cccttcagtc	accccccaag	gagacatggg	1080
cgccagggaat	ctccgggagg	gggccctggc	atgaggtccc	aagttctctg	cgtgtcgacc	1140
acatcgctaa	gactcaagat	cttttttggg	aagccccct	ggcagcaggg	tcattggaagg	1200
aggaaggtca	gaggagggga	gggctcaggc	agcaggggat	gggccggggc	tgtcccattg	1260
ctttccacag	gtgtcagcgg	ggggcatgcc	caggtaaggc	tccataacca	gtgagcccag	1320
tctcgactca	ctgcaacctc	tgcctcctgg	attcaaacga	ttctcctgcc	tcagcctccc	1380
gagtagctgg	gactacaggc	gcccgccacc	aggcctggct	tattttttgta	tttttagtag	1440
agacgaggtt	tcgccatgtt	ggccaggctg	ctctccatct	cctgacctca	tgatccgcct	1500
gcctcggcct	cccagtgttg	ggattacagg	cgtgagccac	cgtgcgtggc	ccaccataga	1560
caatttttaa	gccataaaaa	gaaacgaagc	actgacacgg	gctccagcat	ggatgagcct	1620
ttaaaacatc	gcgctaagtg	gacgaattca	gacacaaccg	tctacgtgtt	gtatggctgc	1680
attcacgttc	aagtcaagtc	caaatagggc	acactgcaga	gacaaagcca	ggtcatggtt	1740
gctcaggacc	ggaagcctgt	tgggggtggg	gggggtgggg	gtgtgtgtgt	gtgtgtaagc	1800
tcagaggttt	gcgatttctt	tgggggtgat	gaaaatgtaa	ttgt		1844

<210> 8961

<211> 1952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1953)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1481)...(1935)

<223> similar to gi200547 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8961

tcttcaccca	tggtcagggg	ggcgccatcg	ccctggcttt	ggggctgggg	cctccggggg	60
ggttccggta	ggggcggttg	agaggccgct	ctttttgcaa	ggcccgagat	ggcgggccct	120
gcgcaggccg	ccctattccg	cgcctcagg	gcgtcagtat	ccgcctgagg	ccggataccc	180
actctgggct	cggatacccc	cgtctggccc	ggagcatcct	cggcgctgcc	ctccagagc	240
cccgcagagg	ctgaggtggc	gcggggggcg	ccccggctcc	gcgagaagag	gcggcagcga	300
gggctggagg	accggggcta	cggggctccg	gggcgtctgg	cctgggtggg	actgagccca	360
tccagggaact	gggactccgg	ggttctgggt	taggtggatc	cggggcaggc	tcaggaccaa	420
gtccctctcc	ttccaccaag	gagcgcccag	aggccggcgg	gagctccagg	ttcacctcct	480

cctcctccag	gaaatccac	ttccaactgg	atgtctggat	gaactactga	aagctgctga	540
gtgtcctgca	gcagggtcgg	tggaacctggg	tgtctgtctg	gacacatcct	ccagtggcct	600
ggacctgccc	atgaagggtg	tggaecatgtt	caggagctgt	ttgcctgcgt	gtgctgtgaa	660
cttcaagtga	cggtaagggc	catgtagaat	tgaggagccc	gctgggtgctc	ccggcaggca	720
gccagcctcc	gcaggacccc	gaccagcgac	acgatggctt	ctgggcaata	cagcacgtct	780
acgggtgaaag	cttcagggtta	ctgaaaggga	caagtggaaa	gttccagttc	atgctgacct	840
cagcagcagg	gcgaggccag	agaggcagcg	ttcatatgag	actattagat	gccatttgac	900
catttgggcc	attagatgga	aaggcaatta	cttgggtgaa	aaaggagaac	ccttagtaga	960
gaaagctgca	aaagaccgaa	gcaaaagaaa	aaaatctcca	gactcactgg	tgttccttaa	1020
aaaaccagct	ctggttcttg	gcctatctag	agggctttga	atgacagaaa	gcctgaccct	1080
gccatgaaat	tcgtgtttca	ggtgtctgcc	gattggtctg	ctggcttgca	ggggtggggc	1140
tgtgtccctg	gccaccgctg	gacctgtggg	tttcagggct	ggaaccagg	accacaggca	1200
gagctctggt	ccaccagaga	ggggactgag	tgtgctggca	ggggtgagg	gttttcggtg	1260
gcccagccaa	acacccctt	ctctcaagg	ccctgtcctc	atctcagaag	tggttgttt	1320
cctcctgtgg	tctctgaagg	acacagggca	tggctctggg	acagagccat	gtggtgatga	1380
ctgaaacggg	agtatgcctg	tctccaacaa	gaggtctgtg	gcttgaaggt	caccttaaga	1440
ggcaccctctg	tcctttgatg	tcaccctgga	ggcccagagt	aactcttctg	gaagcccat	1500
catgtccatg	cctgacagca	tccattgttc	ccttttccca	gagccaagag	ctgggtagag	1560
ctgcaaggac	accgcctgca	caggatgccc	ggggctgggc	attacctgct	gcaatgacaa	1620
catctggctg	gacggcagag	agctgacaga	cgctcgcgac	gtcccagtcc	agctgggcca	1680
ctgtcaccct	ggggccgtct	aagttggcag	tgatgtctgc	ctctaattgag	aggccattga	1740
gaaggacatt	ccctcagagc	tgctcgagga	cccggctgtg	acagtcgctg	aagatgtacg	1800
ccggggggcg	gcacatcttg	cagatggcca	ggcctgtgag	gccggcgcca	ctgccaagct	1860
ttaggacagt	cctgtgaaag	aaggctaaag	ggttctcggc	ccattctgcc	ggacgcgtgg	1920
gtgaaccctg	aacggcaagn	ctggccgcac	at			1952

<210> 8962

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(920)

<223> similar to gi403460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8962

tttttttttt	ttgagacagt	ctcgctctgt	cgcccaggct	cgagtgcagc	ggcgtgatct	60
tgcttcactg	caagctgtct	cccaggttca	cgccattctc	ctgcctcagc	ctccggagta	120
gctgggacta	caggcgcagt	ccaccacacc	tggtcaatth	atthttgtatt	tttagtatat	180
acgcggtttc	accatgttag	ccagaatgg	ctcgatctcc	tgacctcg	atctgcctgc	240
ctcagcctcc	caaagtgtct	ggattacagg	ctgagccac	cgcgctggc	gaagggagtt	300
ctctcttgac	ccctgcagg	aaaaggactc	acctccctca	ctgcaggctc	agccttcag	360
ggcaagagg	aacaggaaag	tatgtgcca	tgtgtggcaa	gatggaagga	cggcaggctc	420
ccgcctctag	gcttggggct	ctaccccgat	ggtttcccaa	ggctgccaag	aaggagccct	480
aactttcttc	ctctcccttc	ctggaagggt	gctgcattca	caggcttttg	accaactaag	540
gcaaagagg	gatttgaaag	gctgcctgga	aacactgggc	tgggaggagc	ctttggatat	600
ttttatatac	gtttgaaaag	gggattgaga	gaagaaacca	aaggctcggt	gtactaaatg	660
tatatatata	gatacttcta	taaagtcact	gctgaagaca	agcatcctat	tgtggaggta	720

cttgaggatg	ggctgagaca	gggaccataa	ctcttcaccc	ctcttctccc	ctctgtcctg	780
cctcagctca	aggcctcaga	atcttctgga	tgccattgct	catgccccta	ctcacatttc	840
tactcgttgc	tttattaata	gtaaatgctc	aataaattgt	agctgccagt	gccgggcatt	900
gctcttgcca	aaaaaaaaaa					920

```

<210> 8963
<211> 2644
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (860)...(2627)
<223> similar to gil9867 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8963						
atatttgaat	tgtaatagag	gggggggttc	ccatgttatg	cagaatgttc	tagtcatcgt	60
ataggggcg	ccacgcattc	gccaaaattg	ttttaaaaga	tgaaattatt	ttttaaaatg	120
gttttgcccta	accaatggct	gataagaaaa	tgagaaacca	ccatgtcccg	ccaaccacag	180
ccccctctttt	gggccttttc	ctattgcaat	gattttttcaa	tgtgtccagt	ggccgagttg	240
cccagatgtc	cgtggagctt	gatgcaaaca	gaattcagag	ccacacaggc	accgctagca	300
aatccacacc	tctggtgccg	agggccccag	aatctgtgtt	ttgaatgcat	ttttcagacg	360
cttttactgt	accttataac	caagatcggg	tgaggtgtgc	aaaccaaggg	ccctgtcccc	420
tccaaaccag	cagagcccgg	ggcatgagga	tggcaagcga	agtgacaaca	taaacacagg	480
tgtctccatc	atcaaggatg	ggagtggaa	ggacagcaag	ggccagggtca	ccccagagc	540
attcgtcagt	tgtcaagtcc	aaagctaaga	aatcagttca	taaatgtttt	ttgatttgca	600
tgttggctca	agccctcttt	ttaagtccaa	ggaggcagtc	cacattaagt	gtgcaggcaa	660
aaaagagatg	gaaaaaggag	tcagttttct	ccctgccttc	cctctctccc	tttatcaagc	720
tgagcacctt	gagttgcatt	tgaggaaatg	aaaactatag	gtgacgcaac	cccattgtgt	780
cgaattcttt	ctttacattt	tttggggtgg	tacaaggaa	cagtattttt	tttttttaat	840
cagatggtgt	gtgtggtggc	tcacatctgt	aatcccagca	ttttgggagg	ccgaggcagg	900
aggatcactt	gaggccagaa	gtttgaggct	gcagtgagtt	atgatcatgc	cactgcactc	960
cagcctgggc	aacagagtga	gacctgtct	ctaaaaaatt	taaaaaaaaa	tcaaagcatg	1020
aacaaaactt	taacaagaga	ataaagaggg	ttgttaggtg	gagacgtggc	cagcactcca	1080
cctccacttt	gaagttcaga	ggcagagcat	ctctccctcc	cacacttgga	gggagggccc	1140
gtgggctgtc	tctagccctc	acctcacagc	tggtcttctt	gctctccctg	ctcagcttct	1200
gctctggcct	cgccctcag	cacctgagg	ttcctggcct	ctcctgccct	ggggactctc	1260
ttgggcaggg	ttggcaaccg	gggagtgtgc	cagaaggctc	tccggcgctt	gcaaaaccac	1320
gaaaagcgtc	caggggtctg	gaacctcact	gtcttgacct	gtttccgggc	cctggctcct	1380
ggagctgttc	ctgtggtccc	ttgggcagct	gagacttcag	cttccctggat	acctggggcc	1440
cctgccctct	gattatgtgc	agcctctgcc	ctctggccag	cccgggcctg	tgccctctga	1500
ttatctgcac	cctggacagc	tggggccctt	tccctctggt	catgtacggc	ctcttccctt	1560
tgattatctg	taacctctga	cccctggtca	gctggggcct	ccgccctctg	attatctgca	1620
gcctcttccc	tgtagttatc	tgtgccctgt	gacctctggt	cagctggggc	ctctgccctc	1680
tgattatctg	cagcctcttc	cctctggtta	tctgcagcct	ctgccccctc	ctcagctggg	1740
gcccctgccc	tctgattatc	tgcagcctct	tccctctgat	tatctgcagc	ctctgcccc	1800
tggtcagctg	gggcccctgc	cctctgatta	ctctgcagccc	cttcccgcctg	gtcagctatg	1860
gcctcttccc	tttgactatc	tgcagcctct	ccccctgat	cagcctcgat	gtctgcccc	1920
tgacctgtgg	gtgctgtctg	ctccttccctg	cggcgccgaa	aggaggccca	gttgatcttg	1980

ggcctccatc	gcctagggga	agcctggggc	acacaaacat	ctcccgcgtt	tcccaagcga	2040
tcccccgggc	tggtgccctc	tggcgccgat	gatacccctg	cgctctccac	tgcggaacac	2100
cttgccgatc	ttcttaaagt	tccccacggg	cttttagggc	tccacgagga	cgtccaaatc	2160
cacatctttg	cagacatcgg	ggacgtctca	aagaatgagg	cagtcggggg	acggcaggaa	2220
gccccagggg	aaccagcccc	ccacgtggct	tttctcgaga	gtctttaaga	tctccagggg	2280
gatatctggg	gtgaggggca	atgagcccca	acaaactact	gtagccctta	gtcttgaggg	2340
agggactgga	tggggggagt	tccagcaacg	ctgaccggag	agtctcacct	ccctagccag	2400
ggacgagcca	aacgcctcca	atctcttcgc	ctgcaacaag	tacagtcttg	accaagtccg	2460
gctccccac	caaggacttg	ggggaatcaa	tttccaggat	gcctacgtga	gccgggggcg	2520
aggtcagtc	caagctcaag	gcccactcca	agctggaaac	gtggtgtccc	agctccaagt	2580
tggggcgcg	gggctgccag	cgactcttcc	tgcccaggcc	ccaggggacg	ggctggaact	2640
tggg						2644

<210> 8964

<211> 894

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (83)...(864)

<223> similar to gi5911846 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8964						
gcggtgag	cgggggttag	ctcccagttc	ggcctctgag	gaaaacgggc	gttcgcctgc	60
ggttggtccg	actgttagca	acatgagcgg	cctggatggg	gtcaagagga	ccactcccct	120
ccaaaccac	agcatcatta	tttctgacca	agtcccagc	gaccaggacg	cacaccagta	180
cctgaggctc	cgcgacaaa	gcgaggcgac	acaggtgatg	gcggagccgg	gtgagggagg	240
ctcggagacc	gtcgcgtcc	cgcttcacc	gccttcagag	gaggggggcg	tacccagga	300
tgccgcgggc	cgtggcggtg	ctccccagat	ccgagttggt	gggggtcgcg	gtcatgtggc	360
gatcaaagcc	gggcaggaag	agggccagcc	tcccgcgaa	ggcctggcag	ccgcttctgt	420
ggtgatggca	gccgaccgca	gcctgaaaaa	gggcgttcag	ggtggagaga	aggccctaga	480
aatctgtggc	gcccagagat	ccgcgtctga	gctgacggcg	ggggcgagg	ctgaggcgga	540
gaggtgaag	acaggaaagt	gcgccaccgt	ctcagcagcc	gtggctgaga	gggagagcgc	600
tgaggtggtg	gtgaaggaag	gcctggcgga	gaaggaggta	atggaggagc	agatggagggt	660
agaggagcag	ccgccagaag	gtgaagaaat	agaagtggcg	gaggaggata	gattggagga	720
ggaggcgagg	gagtaagaag	ggccctggcc	tttgcatgag	gctgtctgca	tgggccctgt	780
ggaggccatg	cagctggaac	tgtacactgt	gaatgtgtca	ggccgacagg	gctttccatc	840
agggggagcc	caagtttggc	gtatggcacg	aaatcgtcga	ctcgtgaatt	ccgg	894

<210> 8965

<211> 574

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(567)
 <223> similar to gi5441615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8965
 gcccacacac tgtcctatct atgtccctt tctcctgaa aagctagttt tgacctttcc 60
 tcagcttaag cagaggcctg tgtctttctc cacggttaga gaccagggtg caggggaagga 120
 cacaaccagc acaaagactc agaccacagg tccatcctgc cctctacctg ggatgatttt 180
 tcaggtcttg cttcctttct ctggagcagg acttcaagct tccaaacctg atgtcatctc 240
 caggctggag cgggggggacg aaccatagac ccctcacatc ctgagaactc aggggagctg 300
 gagctggagg cacaagagag aaggctgtga ttctaggatt gaaaaagagg aaatgattcc 360
 aaagcaggac atttctgaag aattggaatc ccagagagca aaatcagaag atcatgtaag 420
 gaatattttt aaggaaactg aagagatgag taaaactgag ggaaagttag agaattgctg 480
 gagaaaatat gcagtagaag gagttaagaa ctcattcttc cagaagagca atttcagaga 540
 aattaccatg aggtatgtga aaacctctc taaa 574

<210> 8966
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(368)
 <223> similar to gi1916229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8966
 aactggaagt ctttgccaga gcaatcaggc aagaaaaggg aacaaaaggc atccaaatag 60
 gacaaaaaaa attcaaaactc tctctcttca tgacaatata attctacaac tagaaaaccc 120
 taaagactcc tccaaaaggc tctgtgact gattaaatga cttcagtaca gtttcgggat 180
 ataaaattga tgtataaaaa tcagtagcat ttccaaacaa caaccttcaa gttcatatcc 240
 aaatcaagaa agcaattcct tttacaatat ccatgctcaa ggattggaag aatcaatatt 300
 attttaatgg ccatactgcc cacagcaatc cacagattcc atactattcc tactaaacta 360
 cgaatgg 367

<210> 8967
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (79)...(366)
 <223> similar to gi4379026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8967
 cggcacgaga caagggagaa atactgttaa tacagagaaa atctcaaaaa atactgtgag 60
 actacagtag attcctgtgc aaataaattt gaaaacctag aggaaatgga taatttctta 120
 ggcacgtaca gtttaataaa attgagccaa tttgagatgg aaagcttaag cagaccagtt 180
 tccatagaag aaaagagaaa gttatgaagg aactacttcg tacaaaaaca ccaggcccag 240
 atagattggc aggaaacttc tgtcaaactt ttagagatca ggtagatagt cctaattgcta 300
 cataaattgt tttagagcat aaataataaa ggaaaacttc caagttcttt gaatgaagca 360
 agtat 365

<210> 8968
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (154)...(379)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8968
 aaaaaaagaa gcataactga tatgctaaaa aatgagaaaa aaataattta tatgaaatgc 60
 tcaattgtaa caacaaaagg caaaaagagaa aaagagtga agataaaaat aagaacaaag 120
 aacaagaaca acaaatagaa aacaataaaa aatatagtag atgttaacca aaccgtatta 180
 acaatcactt tgaatgtcag tggctctaat tcaccagtta aaagaaagag attgtcagac 240
 tggatcaaaa aacaagaccc aactatatgt tgtatataag aaaccactt taaatataaa 300
 gacacatata aacgggtaga gaaagataca ccctgacaac actaatcaaa agaaagcaga 360
 attatctatg cttatgt 377

<210> 8969
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (406)...(420)

<223> similar to gi3168604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8969
gtcttgctgt agcctagtga gaataaaaga gcagtcactt tctctgaagt ctagcctccg      60
cccacttaac atgactctct tctttctttg aaggtttgag ggctgtgtc tgctgtccct      120
gctggtaggg gagagcccca cagagctatt ccagcagcac tgtgtgtctt ggcttcggag      180
cattcagcag gtgttacaga cccaggaccc gcctgccaca atggagctgg ccgtggctgt      240
cctgagggac ctctccgat atgcagccca gctgccgca ctgttcggg acatctccat      300
gaaccacctc cctggccttc tcacctccct gctgggcctc aggccagagt gtgagcagtc      360
aacattggaa ggaatgaagg cttgtatgac ctatttcctc cgggcttggt ggtctctc      418

```

```

<210> 8970
<211> 392
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (139)...(395)
<223> similar to gi5802816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8970
caaacatggg gctcgaaccc gggtcgaagg gtcgccagag cgatgggttg agaacatgga      60
actacgctgg agcacacctg agtactctta agcaatcccc atggtaagta agaaggggag      120
ctcggaaagca tcagggtaac aatgggacaa gggtcgaagca ggcacaaggc ttatttgagt      180
ctgcctcggc agctcctcag aaaaggagga gtgaaagtta gcaactagctg acttatgcag      240
cttttttagta tggtagagaa atattgcccc tggtttccga ctgaggaaat atggatgtag      300
aggtctggga ggaggtaggc agcgactga aaaaggcgta taaggatggt gctgaggata      360
ttcctataac tgtctggtca gtgtgggctc tg

```

```

<210> 8971
<211> 479
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (44)...(461)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 8971
ggaacataaa ggataaaaga cataatagag gacaaatagc aaaatgacag aattaagttc      60
tctcttatca gtaattatat taaatgtaaa tgaattaagc tcttcaatga aaaggcagag      120
attggcagaa tggattttta aaagaacccat gatccaacta tatgctgtct ataagagact      180
tatttttagat tcaaagacac aaataatttc caagtgtaaa gatggaaagc ataccatgca      240
aacagtaacc aaaaatgagc tgaagtggct atgctaatat cagacaaaat ggacattgac      300
acaaaaatgt ttcaaaaaac aaagaagtac attaatatga taaaatgttc aatgtattaa      360
gaagatattg caattataaa caaataggca cttatcaaca gagaccaaga acctatgaca      420
aaagattgac agaattgaat gaaaagttaa aaaatagtcg gaggccaggt gcagtggct      479

```

```

<210> 8972
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (55)...(403)
<223> similar to gi5824531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8972
ttgttcattc gctcagagcc acaggaggag gggagaggcc tggaggacac caacatgaac      60
aagttgaaat catcgagaa ggataaagtt tgtcagttta tgatcttcac acaatctagt      120
gaaaaaaacc gcagtaagtt gtctatctca aaatgactgg aagttagatg ttgcaacaga      180
taattttttc caaaatcctg aacttttatat atgagagagt gtaaaaggat cactggaaag      240
gaagaagtta gaacaactgt acaatagaga caaagatcct caaaatgaga ataaaattgg      300
aatagatggg ataatagcagt tctgtgatgg cctggcactc aatccagcca gcattagtgt      360
gttgattatt gcatggatgt tcagagcagc aatacagtgc ggacgcgtgg gtcgaccggg      420
tnntcggacg cggatatccca aga                                     443

```

```

<210> 8973
<211> 1772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (147)...(0)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8973

aagcccctgg	gaatccccgg	tcgacctacg	cgtccggtga	ggagcatggg	tctccggcag	60
ccccccagct	tttactgggc	ctaggcccag	ttgctggccc	taagttgtac	ccgagactct	120
acacagacat	ccacacacac	acacacacac	actctcacac	acactcacac	gtggaggggca	180
aggtccacca	gcacatccac	tatcagtgtc	agacggcacc	gtatctgcag	agggcacggg	240
ggggccggcc	agacaggcag	actgggagga	tggaggacgg	agctgcacac	gaaggcaggg	300
gacccatggc	gaggaggaat	ggccagcacc	ccaggcagtc	tgtgtgtgag	gcatagcccc	360
tggacacaca	cacacagaca	cacacactac	ctggatgcat	gtatgcacac	acatgcgcgc	420
acacgtgctc	cctgaaggca	cacgtacgca	cacacgcaca	tgcacagata	tgccgcctgg	480
gcacacagat	aagctgcccc	aatgcacgca	cacgcacaga	gacatgccag	aacatacaag	540
gacatgctgc	ctgaacatac	acacgcacac	ccatgcgcag	atgtgctgcc	tggacacaca	600
cacacacacg	gatatgtctg	ctggacgcac	acacgtgcag	atatggtatc	cggacacaca	660
cgtgcacaga	tatgtctgct	ggacacacag	ataatgtctg	cttgacacac	acatgcacgg	720
atattgtctg	gacacacaca	cacacacgtg	tgcacagata	tgctgtctgg	acacgcacac	780
acatgcagat	atgctgcctg	gacacacact	tccagacaca	cgtgcacagg	cgagatatg	840
ctgcctggac	acacgcagat	atgctgtcta	gtcacacaca	cacgcagaca	tgctgtccgg	900
acacacacac	gcacgcacag	atatgctgtc	cggacacaca	cacgcacgca	gatatgctgc	960
ctggacacac	acacagataa	tgctgcctca	acactcacac	acgtgcagat	attgcctgga	1020
cacacacatg	tgcacagata	tgctgtctgg	acatgcacac	acgtgcagat	atgctgtccg	1080
gatacacacg	cacgcacaca	tgcagatatg	ctgcctgggc	acacacttcc	ggacacacat	1140
gcacacacag	gtgcagatat	gctgcctgga	cacacgcaga	ctgacgtgct	tttgggaggg	1200
tgtgcctgga	agcctgcagt	acgtgtgccg	tgaggctcat	agttgatgag	ggactttccc	1260
tgctccaccg	tactccccc	aactctgccc	gcctctgtcc	ccgcctcagt	ccccgcctcc	1320
atccccgcct	ctgtccccct	gccttgggcg	ctatttttgc	cacctgcctt	gggtgcccag	1380
gagtccccta	ctgctgtggg	ctgggggttg	gggcacagca	gccccaaagg	tgagaggctg	1440
gagcccatgg	ctagtggctc	atccccactg	cattctcccc	ctgacacaga	gaaggggcct	1500
tggtatattat	atttaagaaa	tgaagataat	attaataatg	atggaaggaa	gactgggttg	1560
cagggactgt	ggtctctcct	ggggccccgg	acccgcctgg	tctttcagcc	atgctgatga	1620
ccacaccccc	tccaggccag	acaccacccc	ccaccccact	gtcgtggtgg	ccccagatct	1680
ctgtaatttt	atgtagagtt	tgagctgaag	ccccgtatat	ttaatttatt	ttgttaaaca	1740
tgaaagtgca	tcctttccct	ccaaaaaaaa	aa			1772

<210> 8974

<211> 1889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (737)...(1888)

<223> similar to gi4239654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8974
tgcgtttgtc aaagcacaga cttcctgttt tgctgctag catctccctg taactctccc      60
aatcttgagg agtgatccct gtcccagccc ctggaaaggg gcaggaacga caaactcaaa      120
gtccaggatg ttcacatga caagagccat ggaagaggct ctttttcagc acttcatgca      180
ccagaagctg gggatcgct atgccatata caagccattt cccttctttg aaggcctcct      240
agacaactcc atcatcacta agagaatgta catggaatct ctggaagcct gttagaaattt      300
gatccctgta tccagagtgg tgcacaacat tctcaccaca ctggagagga cttttaacct      360
gtctcttctg gtgacattgt tcagtcaaat taacctgcgt gaatatccca atctggtgac      420
gatttacaga agcttcaaac gtgttggtgc ttcctatgaa cggcagagca gagacacacc      480
aatcctactt gaagcccaaa ctggcctagc agaaggaagc tccctccata cccactggc      540
gctgccccca ccacaacccc ctcaaccaag ctgttcaccc tgtgcgccaa gagtcaagtga      600
gcctggaaca tcctcccagc aaagcgatga gatcctgagt gagtgcgcca gcccatctga      660
ccctgtcctg cctctccctg cactcatcca ggaaggaaga agcacttcag tgaccaatga      720
caagttaaca tccaaaatga atgcggaaga agactcagaa gagatgcca gcctcctcac      780
tagcactgtg caagtggcca gtgacaacct gatcccccac ataagagata aagaagaccc      840
tcaagagatg cccactctc ccttgggctc tatgccagag ataagagata attctccaga      900
accaaagac ccagaagagc cccaggaggt gtccagcaca ccttcagaca agaaaggaaa      960
gaaaagaaaa agatgtatct ggtcaactcc aaaaaggaga cataagaaaa aaagcctccc     1020
aggagggaca gcctcatcta gacacggaat ccaaaagaag ctcaaaaggg tggatcaggt     1080
tcctcaaaag aaagatgact caacttgtaa ctccacggtg gagacaaggg cccaaaaggc     1140
gagaactgaa tgtgcccga agtcgagatc agaggagatc attgatggca cttcagaaat     1200
gaatgaagga aagaggtccc agaagacgcc tagtacacca cgaagggtca cacaaggggc     1260
agcctcacct gggcatggca tccaagagaa gctccaagtg gtggataagg tgactcaaag     1320
gaaagacgac tcaacctgga actcagaggt catgatgagg gtccaaaagg caagaactaa     1380
atgtgcccga aagtcagat cgaaagaaaa gaaaaaggag aaagatatct gttcaagctc     1440
aaaaaggaga tttcagaaaa atattcaccc aagaggaaaa cccaaaagtg aactgtgga     1500
ttttcactgt tctaagctcc ccgtgacctg tggtagggcg aaagggattt tatataagaa     1560
gaaaatgaaa cacggatcct cagtgaagtg cattcggaat gaggatggaa cttggttaac     1620
accaaagtaa tttgaagtgc aaggaaaagg aaggaaacgc aagaactgga aacggaatat     1680
acgttggtgaa ggaacgaccc taggagagct gctgaaggta ttataaagac gggacagata     1740
ggtgacaggt ttaaactcct gaaggagaag tggagcttta agagcagaaa tgtgaagagc     1800
tcccgttagg attcaacagc atgatttata aggagttaaa tgttcataga aaaaaaactg     1860
tgggtgacaa agttaggagc acatattgtg                                     1889

```

<210> 8975

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (106)...(445)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8975
gaatggggta tttgcaagca gtgaatgagg aggcctggaa ccaatcttct gctgatattg      60
aggcacaact gaaaaaggca tattacttaa atctcttatt gtattgtaaa ctgtataagt     120
aatgaaatta aaaggcagaa attgtcagac tgaataaaat gaaaagacca aacaatatgc     180
tgcttacaag aaacacaatt caaatataag gacacaatta gtttaaagga aaagaactgg     240

```

aaaagatata	ccatgataac	acaagtcaga	agaaagctgc	tgtggatata	ttaatatgag	300
atgtagattt	cagagcagtg	aatattgcc	ggcataaaga	aagttattac	ataataatta	360
aggtatcagt	tcataagaa	gatgtaata	ccctaagtat	ttatacaact	aatatcagag	420
cttcaaaata	catgaagcaa	aaaccagtg	aattgatagg	agaaacacac	aattacac	478

<210> 8976

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (496)...(1052)

<223> similar to gi206716 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8976						
aaccgaatgc	gggtcagagt	cggctaacaa	cgactttctc	actatttcct	gcgctgaatc	60
gggtggccag	ggccccctac	tgtgacctg	gaacctcgac	ttcccacagg	gctgtttcct	120
cgctgtaaa	ggaggagggg	cgttcagaga	ccacctcatt	ctgggtgctg	aatccaggca	180
gaatcagagg	gagattccgc	cttcccttcc	acgcagggcc	cctcgaggga	gcctgcgagg	240
tcttaagagt	ctgggagaa	acccgggggc	aggtgcacgc	cctaggcaag	acgccagggc	300
taaatccgt	gaagaacgg	aatcccttcc	cgatccggag	ggctgaccca	ctcagagcct	360
ccatgtgctc	ttggaggaca	aaagccccct	ttccagaagg	gagcgccaag	atgatcgctc	420
caggccgcac	gggcccttgc	gggggcccc	gagagtctca	ggggagggtc	tctgacccta	480
acactcgcag	gcagggtgga	cccgtctcca	gattccacgc	ccaggccgct	ttccccaggt	540
cctgcggagt	ccagccccag	caggacgggt	tgggcaggca	ccaaccagcc	cctgaccctt	600
ggctccaggc	caaaggggac	gctcaccag	gctttgggtc	tcccttctcc	tggccgatgg	660
gaccggcggg	cgggccacct	ccaaccgctt	tcgcagacgc	cctcaccag	gaagcaggcg	720
agatcctcaa	cctccgccgg	gaaaccccc	accccagggt	accgaaaagc	aagacgcccc	780
cctcccccta	ccaagaccgg	cctggccagg	accccctggc	tcccgcctcc	aagcaggagg	840
cttcacgccc	acacacagag	gccgggctcg	aggccggagc	gcccggggga	gcccggcagg	900
ccgcgcgggg	aggaacctct	agtccccctt	caaaccctgg	gacttcaccc	ccaagctcca	960
tgctggcgcg	ggaagcccc	ggggccggcc	tttcgcaccc	caggccgccc	cgcgccgagg	1020
ccccaggctc	ccgtcggata	aaggaaacag	caccgcggcc	tccatttc		1068

<210> 8977

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (211)...(725)

<223> similar to gi2950243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8977
aaggtctagc caacattcat tcgttcctat tccaagaccc tgcttatcaa cggtgcaagt    60
atttctacat aattttctct tccttttatg ctgtagagca taccgcttgt gggaaatgga    120
gggaaggccc acggtcccga caatgttttg gcagggtacc tcgtcccagg tggatcgccc    180
accttactgc tgcatagacc tgctgtgtat cccggcccca gccccggccc cggcccgacg    240
tcctctagcc cctcttccca gcactcagga ccgcggattt cagatgacca aaggccaccc    300
tgtgacaaca gcgtcggaac cacggcactt ccgcctgcgg ccggtgagac taaaaatccc    360
agaagccccg cgcaagtctc gtcccactac cccccctcc catcacgact cccagaaccc    420
tccgcgagac gccagggcct cgaaatagaa caaaaccggc cgggtgggga gggggaagggt    480
gaggggtctcg gaggacacag ggggttagag agctctctgc aaatgccgaa gacccaagca    540
ggcctgccgc ctaccctcc cgcgccaca actgctaggc gcggagaccg cggcctgttc    600
ccgcgcctc ccgggaagct gaggaaggtc ccggacaggc ttccccgcgc gtcctgtcta    660
agaggtccgc agaccctagc ccggtgtccc ccctccctct cataacgttc cccgcacacc    720
gg                                                                    722

```

<210> 8978

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (90)...(533)

<223> similar to gi4678718 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8978
gtacccttcc gttattcccg ggtcgacgat ttcgtggttg gaggaggtgt ggggccgttg    60
ccgccaggaa aaacagcact ggaggcaatg tttctataaa tcaaagaaga gacagtgtga    120
gaatgtcagc cctcaactgg aagccgtttg tgtacggggg gctggcctcc atcactgctg    180
agtgcggtac atttccaatt gatttaacca agacacggtt ccagattcaa ggccagacga    240
atgatgcaaa atttaaggaa attatatacc gaggaatggt gcacgcatta gtgaggatag    300
gcagagaaga agggctgaaa gcactctact cggggtgagt aggccttcat gcatttctgt    360
gtcactgttc actgtttcac atgggtatag acttcagacc aagactgcac agatcacaag    420
taaaaagtgt gaggtgtgtt tgaaaagaac aaatagcatg atagattttt cacttttaat    480
ttcaactcta atttctaagt atatatatta tgcagcagat gttttggaga aactgtttta    540
ctatatccaa gtacagacag acaacaataa aaaaatatgt ttgttttaaa acattct      597

```

<210> 8979

<211> 1210

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (692)...(0)
 <223> similar to gi4584086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8979
 ggaagtagga ggagagtcag gactcccagg acagagagtg cacaaactac ccagcacagc 60
 cccctccgcc ccctctggag gctgaagagg gattccagcc cctgccaccc acagacacgg 120
 gctgactggg gtgtctgccc cccttggggg gggggcagca cagggcctca ggcttgggtg 180
 ccacctggca cctagaagat gcctgtgccc tggttcttgc tgccttggc actgggcca 240
 agcccagtgg tcctttctct ggagaggctt gtggggcctc aggacgtac ccactgctct 300
 ccgggcctct cctgccgcct ctgggacagt gacatactct gcctgcctgg ggacatcgtg 360
 cctgctccgg gccccgtgct ggcgcctacg cacctgcaga cagagctggg gctgaggtgc 420
 cagaaggaga ccgactgtga cctctgtctg cgtgtggctg tccacttggc cgtgcatggg 480
 cactgggaag agcctgaaga tgaggaaaag tttggaggag cagctgactc aggggtggag 540
 gagcctagga atgcctctct ccaggcccaa gtcgtgctct ccttccaggc ctaccctact 600
 gcccgctgcg tcctgctgga ggtgcaagtg cctgctgccc ttgtgcagtt tggtcagtct 660
 gtgggctctg tggatatga ctgcttcgag gctgccctag ggagtgaggt acgaatctgg 720
 tcctatactc agcccaggta cgagaaggaa ctcaaccaca cacagcagct gcctgactgc 780
 agggggctcg aagtctggaa cagcatcccg agctgctggg ccctgccctg gctcaacgtg 840
 tcagcagatg gtgacaacgt gcatctggtt ctgaatgtct ctgaggagca gcacttcggc 900
 ctctccctgt actggaatca ggtccagggc ccccaaaac cccggtggca caaaaacctg 960
 gtgaggcctc ccccttccca agtccattcc cactgtaggc cgatgcctgt gcaaaggacg 1020
 cagtggcata tcagagagga tccttgaaga ggactcacc caagcaaggg aaaattgggtg 1080
 ggggaacttc tgccttctg gtttcttga ctttggcctc ctctcttcc tccttatctt 1140
 ctccaacctc ctctcttctt ttgttcaca gactggaccg cagatcatta ccttgaacca 1200
 cacagacctg 1210

<210> 8980
 <211> 1108
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (693)...(855)
 <223> similar to gi4809026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8980
 catatgaaca tttcaataaa ggtagaaaaa gcacttgata ttgaatgctt tcctcttgat 60
 tttacaacca agacaaggaa gtccattatc actatttcta ttcaatagtg gacatactag 120
 ccagcaacaa aactaaaagg tataaagatt acaggaaagt taaacctct ctattcacag 180
 actgcaagat tgtaatcaca taaattccaa aagactctac agactctaca gtcccacggc 240
 agcccttcc tccgcgccgc ggcggcgcc cgggccacg tcacgctcgc gccattgtt 300

cccagccgct	gctcgcctggg	accccgccag	ccctcgagcg	cgccattcg	ccgcgttctg	360
ccctctcccc	cctttcctca	cgctgggtgg	ggccctttcc	tcagtcctgc	tgatgtcctc	420
cagctgattc	caggctgttc	ccggccaccc	ctgaggccgt	cctttcgctt	cttgtaaaaag	480
cctccccgcc	tcttgagctc	cctcggtcgc	ctcccagaaa	gccaacgggc	ctctctgggtg	540
gagcgctagg	ttgacagcgt	tttagcagga	ccgcgagaaa	ccggggagat	cctcttacga	600
ggaaaaactc	caagattaca	tccctgttat	ccttcctcca	agtagtttct	gatcataagt	660
tatttgttta	aaaatgatgt	tttaattaga	atttatttga	tggcttttaa	aaaactttta	720
ctgacactca	acatgtttgt	ttttgtagga	actgactaag	actttggaac	agaaaccaga	780
tgatgcacaa	tattatcgtc	aaagagctta	ttgtcacatt	cctcttgga	attactgtgg	840
tgcagatgct	aatttcagtg	actggattaa	aagggtgtcg	agctcagaat	ggctcggaat	900
ctgaggtgtt	tgtggggaag	tatgagaccc	tcgtgtttta	ctggccctcg	ctgctgtgcc	960
ttgccttctc	gctgggcccgc	ttcctgcata	tgtttgtaa	ggctctgagg	gtgcacctcg	1020
gctgggagct	ccaggtggaa	gaaaaatctg	tcctggaagt	gcaccaggga	gagcacgtca	1080
agcagctcct	gaggataccc	cgccctca				1108

<210> 8981

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(948)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (601)...(947)

<223> similar to gi2246532 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8981

tgctgacctc	caaataccgt	taagctggag	cctcggtggc	catgcttctt	gccccttggg	60
cctcccccca	aaccactcc	accttactac	cagacaacct	tagccaaacc	atttacccaa	120
ataaagtata	ggcgatagaa	attgaaacct	ggcgcaatag	atatagtacc	gcaagggaaa	180
gatgaaaaat	tataaccaag	cataatatag	caaggactaa	cccctatacc	ttctgcataa	240
tgaattaaact	agaaataact	ttgcaaggag	agccaaagct	aagacccccg	aaaccagacg	300
agctacctaa	gaacagctaa	aagagcacac	ccgtctatgt	agcaaaatag	tgggaagatt	360
tataggtaga	ggcgacaaac	ctaccgagcc	tgggtgatagc	tggttgtcca	agatagaatc	420
ttagttcaac	tttaaatttg	cccacagaac	cctctaaatc	cccttgtaaa	tttaactgtt	480
agtccaaaga	ggaacagctc	tttggacact	aggaaaaaac	cttgtagaga	gagtaaaaaa	540
tttaacaccc	atagtagggc	ctaaaagcag	gccaccaatt	aagaaagcgt	tcaagctcaa	600
caccactac	cctaaaaaag	tcccccaaaa	accttttaac	tgggactccc	tccaacaccc	660
catttggggc	caatcctatc	acccctatct	ggaggaccaa	tggttnggta	taaggtncca	720
tgggaaacat	tttccccccc	ggaaaagccc	tnggggccag	gtnaaacctt	gggcctggca	780
attaacaggc	ccaatttttn	aattnaccba	ncaagggnnt	tttcccccac	tgggaacccc	840
aaaaaggggt	gcctataggg	gagggttaaa	aaaaaaaaaa	acccgagggg	ggccggnncc	900
aantggccca	aagggggggg	ntaaaatnac	agggnggggt	taaaagg		947

```

<210> 8982
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(506)
<223> similar to gi56520 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8982
gcgttctgta attcggcacg agaaattaga aagcagtggc agaagaaaat ttgggaaatt      60
cacaaatatg tggaaattaa acatttataa aaacaatgaa tcaaagaaga aatcacaaag      120
gacattaaaa aatactctga aatgaataaa aatgaaaatg caacatacca aaacttatgg      180
gatacaataa aagttgtgct tagagggaaa ataatagctg aaatacttat atattttaag      240
aagatctcaa atcagtaacc cagacttcca ccttaagaag ctagaaaaag gagagcatac      300
taaaaccaat acaagctgaa gaaaggaaat tattagagtg gaaataaata gaatagaaaa      360
acaatggaga aaataaacta aaagttggtg ctttggaaaag atcaataaaa ttggcaaagc      420
tttagctagg ctgatgatga aaaaagagga ctcaaattac taaaattaaa aaaaaggagg      480
aaaaagtatg acctatttca caggtcttaa gg                               512

```

```

<210> 8983
<211> 1403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(1405)
<223> similar to gi5834567 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8983
ctctgtaatt cggcacgagg tgcaacacgt gggggcggtg ccggtcggag ggctcctagt      60
gcgccagggt gtgggaagtg aggctggcgg tggcgacaac cgaggaggag gggcgggacg      120
ccgtggagca cggcgaccgg ctgagcgtca tggagggctc aggggagcag ccgggcccac      180
aaccacagca tcccgagac caccgcaccc gcgacggcga cttcgtggtg ctgaaacgtg      240
aagatgtggt taaagcagta caagtccagc ggagaaaaaa agtaactttc gaaaaacagt      300
ggttctacct ggataacgtc attggccata gttatggaac tgcatttgaa gtgaccagtg      360
gaggaagtct acagcccaag aagaagaggg aagagcctac tgcagagact aaagaagcgg      420
gcactgataa tcgaaatata gttgatgatg ggaaatctca gaaacttact caagatgaca      480
taaaagcttt gaaggacaag ggcattaaag gagaggaaat agttcagcag ttaattgaaa      540
atagtacaac attccgagac aagacagaat ttgcccaaga taaatatatt aaaaagaaga      600

```


aaaaaaaaata	tgaagccatc	attactgttg	tgaagccatc	cacccgtatt	ctttcaatta	660
tgtattatgc	aagagaacct	ggaaaaatta	accacatgag	atacgatata	ctagcccaga	720
tgttgacgtt	gggaaatata	cgtgctggca	acaaaatgat	tgtgatggaa	acgtgtgcag	780
gcttggtgct	gggtgcaatg	atggaacgaa	tgggaggttt	tggctccatt	attcagctat	840
accctggagg	aggacctgtt	cgggcagcaa	cagcatgttt	tggatttccc	aaatcttttc	900
tcagtggctt	ttatgaattc	cctctcaaca	aagtggacag	tcttctacat	ggaacatttt	960
ctgccaagat	gttatcttca	gagccaaaag	acagtgtttt	ggttgaagaa	agtaatggca	1020
caactggagga	aaaacaggct	tctgaacaag	agaatgaaga	cagcatggca	gaggccccag	1080
agagcaacca	cccagaagac	cagggaacaa	atggaaacaa	tttctcaaga	tccagaacat	1140
aaggggccta	aagagagagg	aagcaaaaaa	gattatattt	cagggaaaaa	cagagggaga	1200
caaggaagga	gcagcggaaa	agacttttgg	ggctgccgct	ctgcttgagt	tgaaaggaaa	1260
cgccgatggt	tttatgtgtt	agcttgttct	tttccacccc	actcccctgc	tgctgtcttt	1320
gctggacttt	gtggcccttt	caaggccgtt	tgtggtctac	tgtcagtaca	aagagcctct	1380
gttggaatgc	tacacaaaac	tgc				1403

<210> 8984

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(452)

<223> similar to gi473945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8984

ctgcgctgca	ggaattcggc	acgaggaaaa	aactactttt	aaggaaatat	agcatctatc	60
gtgaacgtgg	aaaagtaaag	ataattcacc	atgcctgctg	tggctttagt	tcctaaagaa	120
ctctacctga	gttcttcact	aaaagacctc	aataagaaga	cagaagttaa	accagagaaa	180
ataagcacta	agaggattac	gtccattcaa	tacttggaac	tgcaaacatc	aaaaaagcca	240
ttgaagaagc	tgaaagactc	tctgagagcc	ttaaactaag	atataaagaa	gctgaagtcc	300
ggaaataact	tgaggaaaag	gacaggcaga	aggaagcaca	gcaactacaa	caaaaaaggc	360
aggaaacagg	aagagaggat	ggtggcacat	tggctaaaagt	ttctttggag	aatgtattgg	420
attccaaaga	caaaacccca	aaagggcat				449

<210> 8985

<211> 5989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5344)...(0)

<223> similar to gi3059111 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8985

ggccccgcag	aggacttgcc	tccaccgcca	cctgcaagtc	cgcccagctg	gacttctgcg	60
caggctccag	gagttgtttg	ctgtctctat	gtcaaccacg	tagctggagt	ctgaagatgg	120
agaccaacga	gtctacggag	ggatcgcggt	cgcggtcgcg	atcttttagac	atacagccca	180
gctccgaagg	actggggccc	acttcggaac	cgtttccttc	ttcagatgac	agtcccaggt	240
cgggcctggc	agctgcaacc	tcagcagctg	cagcggctgc	atcagctgct	gcagctactg	300
cagccttcac	cactgcacaa	gcagctgcat	tatctacaaa	gaccccagcg	ccctgttctg	360
agttcatgga	gccgtcctct	gaccccagcc	ttcttgggga	gccctgtgcg	ggacccggct	420
ttaccacaaa	tatagcccat	gggagtcttg	gctttgagcc	cgtctatgtt	tcctgtattg	480
ctcaggacac	ttgcactaca	actgaccata	gttctaatac	tggccctgtt	ccaggctcta	540
gctctgggcc	tggtcttggt	tccagctcag	gtgctggcca	tggctctggc	tctggctctg	600
gtcctggctg	tggtctgtgc	cctggctctg	gctctggctc	tggtcctggc	tctggctcctg	660
gctctggctc	tggtcatggc	tctggctctc	atcctggctc	tgctctggg	cctggctccag	720
acactggccc	tgactctgag	ctcagccctc	gtattcctcc	agggttcaga	aacctgggtg	780
cagatcggtt	ccctaactat	acctcctgga	gtcagcactg	cccctgggag	ccccagaaac	840
aaccaccttg	ggaatTTTTT	caagtcttag	aaccgggtgc	ccgaggacta	tggaaacccc	900
cagacattaa	aggggaagctt	caggtttgc	atgaaacttt	gccgcggggc	cagtgcctcc	960
tctacaactg	ggaggaagag	agagccacca	accacctgga	tcaagtccca	agcatgcagg	1020
atggctctga	gagttttttt	ttccgacacg	gacaccgggg	actgctgact	atgcaactaa	1080
cgtcacccat	gccctccagc	accacccaga	aagactcgta	ccagccacca	ggaaacgtct	1140
attggccact	tcgaggggaag	cgtgaagcca	tgctggagat	gctcctgcag	catcagatct	1200
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caccaatcag	tggcctcaat	gaggttcaag	ccagatccct	gtagcgccaa	agcctatgct	5880
cctaaaagtc	agttgattta	taatgcta	cagatttcta	ataaatttaa	gttgagctca	5940
ttggtcattc	ctaaataagc	ttttgtgtag	ataatatctt	atgtggccg		5989

<210> 8986
 <211> 2418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1740)...(2114)
 <223> similar to gil072409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8986
 cggagattcg tacgagcggc accatggccc cgcgggggcg gcggcggccg cggcctcaca 60
 ggtctgaggg cgcaagacgt tcaaagaaca ctttagaaaag aacacattcc atgaaagata 120
 aagctggtca aaagtgaag cctattgacg tgttcgactt tctgataat tctgatgtct 180
 caagcattgg caggctgggt gaaaatgaga aagatgaaga aacttatgag acctttgatc 240
 ctccctttaca tagcacagct atatatgctg atgaagaaga attctccaaa cattgtggac 300
 tgtctctctc ttcaactcct ccaggaaaag aagcaaaaag aagttcagac acttctggaa 360
 atgaagcaag tgaaatcgaa tctgtaaaaa ttagtgcaaa aaagccagga agaaagctca 420
 ggcccattag tgatgactct gaaagcattg aagaaagtga tacaaggaga aaagttaaatt 480
 cagcagagaa aataagtaca caacgtcatg aggttattcg aaccacagcg tcttcagaac 540
 tttcagagaa accagctgag tctgtcactt ctaaaaagac aggaccctt agtgcccagc 600
 cctctgttga aaaagagaaac ttggcaatag aaagtcaatc gaaaactcag aaaaaagggg 660
 aagatatctc atgacaaaag gaagaaatca agaagtaaag ccataggctc agatacttct 720
 gacattgtgc acatttggtg tccagaagga atgaaaacca gtgacatcaa ggagttgaat 780
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 gtttgtaagg cagccatcgc cacattttat gttaatgtta aagaacaatt catcaaaatg 900
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 cagctgaaac aactacaaac aaaatatgat gaacttaaaag agagaaagtc ttccttagg 1080
 aatgcagcat atttcttctc taatttaaaa cagctttatc aagattatc agatgttcaa 1140
 gctcaagaac caaacgtaaa ggaaacgtat gattcatcca gccttccagc tctgttattt 1200
 aaagcaagaa cacttctggg agccgaaagc catctgcgaa atatcaacca tcagttagag 1260
 aagctccttg accagggatg agaagagcag tctactaaaa tgtgcctata ggaagactag 1320
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 agtaatttta aaatgttgac accttaatcg gtcccaggta tgagctataa taaacttgta 1560
 aaattaagtt gatgtgaaca taattttgat taattaataa ggcgatttct cctgaattta 1620
 caccaaagct aatttttaac gaaattgggt ttacaggaag gtaaaaaaca aaaattggga 1680
 aaggcaaagt aataaaactt agtttatata aacaggttga atgatatatt tatcaaactt 1740
 cacagacatc aggcaaatat tagcctgggtg acaaaagtgt tcatagtga ttagttactc 1800
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 aagactgttc tctgcagctt cagctaattc agcatcttca gtagcttcta aaaaataagc 1920
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 gatggagaaa aattaaaaag taaaaggata aggatagata cataccaatc aaaacggtgg 2340
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 ccaggaagat gtaacaat 2418

<210> 8987
 <211> 1166
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (800)...(1164)
 <223> similar to gil644232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8987

atgttcccac	gaaagcgata	ttcccgtcca	cccagtgtaa	aacgccggcc	cgtgcccttg	60
cttattatta	agcatccatt	taggggaaag	gtttcaatgc	gccgtcccgt	gttaagatag	120
ggcccccaa	ggaaccttta	aaaaggcccc	cccctttttt	tttttttgaa	agtataaaaa	180
tcattttact	ttaatacaaa	atcacataaa	gaaaggcatg	ttggctaaat	caaataattca	240
ctaaatatca	gtgaagtcac	cactggaatc	tcaatagcac	attttcctgc	tttcttttct	300
cccttctgct	aaccattgaa	gaccaggggtc	atccgtggga	gcagatgagt	aggacacgcg	360
tctgcacgct	ggaggccctg	ggggttgaca	tgggagcagg	aagtggaccc	ccccaccctg	420
cacatccctt	ctgtttttct	tgatttcagt	ctcactggcc	caggccaaat	cttcaagggt	480
gtctagtctt	gcagccaggg	agaaagtgat	gccaaagaaa	cctcgtctcc	tccctcctca	540
gtctgctttg	aaggggaaat	aaatacacag	gcctagtgtg	tctgtgtggc	acagggaggt	600
ggttttgcca	ggcatcttgg	aagggtgtct	tctagaatca	gagccatagc	cttacttgtg	660
gccttggtac	taggtctgtt	tccccgatcg	aaaaaagaac	agctttttta	tgattgtctt	720
ctcctccttg	ttcctgccag	cattttttggc	actagtaacc	acagcatctt	tttctcttct	780
tcctcctggg	ccttctcttg	gtggaatcag	gccactcccc	gctggccgga	gggctctgtc	840
tccgcagccc	ctccacctcc	ttcctgaggt	ggtcctcttc	catcttcagc	tcctccagcg	900
ccaggctgcc	ctcattcacc	agcgctcca	gcctctccag	gacgcggacg	actttgaact	960
gcagctgctg	caccgggggg	tcgctgcccc	gggccataag	ctcgcgggcc	aacaggtagg	1020
agatgtcata	cacgtcctcg	gcggtcagct	ggaagggggt	cttgcccagc	gccccctcgg	1080
gcccacctc	gtccctctcc	tcgtcctcct	ctccctcttc	ctattcctct	tctcgcacag	1140
ggggctcctc	catggccacc	cagacc				1166

<210> 8988
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (391)...(792)
 <223> similar to gi436923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8988

ggctcaagtg	atcctcccac	ctcagcttcc	aagaatgctg	ggattacagg	tgtgagccac	60
tgacctggc	ctagattaat	ttttattagt	cattcgtggg	gactagaaaa	gatggaatct	120

ctgtatatag	ggttcaaagt	ttaataagta	tctgttaagc	tcaatcttaa	tatatccttg	180
tttatacttt	gcctcattga	tgtgccaaag	cataggatgt	attaaagtct	ctcgctagca	240
tactaattcc	attatatgtt	ttcttctgga	gcctcaagtt	tcttatttat	acatttgaat	300
gcaatataat	ttgggtactga	aagtttcata	acagtttaat	ctttgctgtg	aattgttgcc	360
tttgctcagta	taacgtgatc	cactttctcc	tatttaatac	tttttctcct	taaattcttc	420
tttttattaa	tagcataatc	tccgctttct	ttcttgtagt	tccgctttct	ttctttccct	480
ggtgtttttc	tttaagcttt	ttacatgtca	ctgtatttta	gttggtttct	ataaacagca	540
tgaagttgga	ttttatat	ttacctaac	tgagagtta	tttattttta	taacttttat	600
ttttatcttt	tgtcattttt	ttctattatt	tacatatatt	atgcttctat	tctgcttttt	660
tcattttctt	tgacaactat	tattgaatga	gtaatgtatt	ctttattttt	aatcttttct	720
agtgggtgtg	gtgtgtatac	acacatatat	ttacatat	atatatacag	acatatatac	780
actagattat	a					791

<210> 8989

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (106)...(715)

<223> similar to gi3063706 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8989						
gccgtcaggg	caggagctt	ccaaaggcca	gtccgagtc	atgccaggcg	tccactaaat	60
ctgcctctcc	ctctccagcg	agcagggtga	gccctcaact	cctgcaggcc	tggggagcgg	120
agacagggcc	tgtaggctcg	gacacgacct	ggtcctgatt	ttaacagtag	acttgagaag	180
gcaagctcag	cagacaggct	gctggaggat	ccaccgcgtg	tctccgcag	cggccccact	240
gaagcggcag	aaacacacag	aagcaccaaa	tctgtcactc	tcttcccgta	ggaagtcccc	300
agaggtggcc	ctccggagga	tggtcctggt	ggctgaagat	atgaccacac	ctgtgcctgc	360
ccagggccac	cttcagcttg	gcaacaggaa	ctccgcacac	tggtaccctg	gacacacaag	420
gaaaagaaaag	ttccctccaa	gagggtatct	ggcccagcct	cagccccacc	aagcggaggg	480
cagcaaagcc	cccgaatgat	ttcgcttacc	cccaccgcgc	gtccctgctg	gccagacagg	540
cacaccccg	ccatagggca	ccccctcccc	acggtatcca	gctgcctctg	cgtecccg	600
tggecgctcg	cctgcccgc	agaccgggac	acggggccag	gagggtcgcg	ctgcccaggc	660
acagatcagc	cgctgtcaca	cgcacagtgg	gtctggggca	gcgcaggaat	tccaccgcac	720
tggactaatg	at					732

<210> 8990

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(993)

<223> similar to gi3127193 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8990
caaggctgta ggagttcttg agctgctggc tggagaggag ggtggacgaa gctctctcta    60
gaaagacatc ctgagaggac ttggcaggcc tgaacatgca ttggctgcga aaagttcagg    120
gactttgcac cctgtggggt actcagatgt ccagccgcac tctctacatt aatagtaggc    180
aactggtgtc cctgcagtgg ggccaccagg aagtgccggc caagttaaac tttgctagtg    240
atgtgttggg tcaactgggct gacatggaga aggctggcaa gcgactccca agcccagccc    300
tgtgttgggt gaatgggaag gggaaggaat taatgtggaa tttcagagaa ctgagtgaag    360
acagccagca ggcagccaac gtctctctcg gagcctgtgg cctgcagcgt ggggatcgtg    420
tggcagtgat gctgccccga gtgcctgagt ggtggctggt gatcctgggc tgcattcgag    480
caggctctcat ctttatgcct ggaaccatcc agatgaaatc cactgacata ctgtataggt    540
tgcagatgtc taaggccaag gctattgttg ctggggatga agtcatccaa gaagtggaca    600
cagtggcatc tgaatgtcct tctctgagaa ttaagctact ggtgtctgag aaaagctgtg    660
atgggtggct gaacttcaag aaactactaa atgaggcatc caccactcat cactgtgtgg    720
agactggaag ccaggaagca tctgccatct acttcactag tgggaccagt ggtcttccca    780
agatggcaga acattcctac tcgagcctgg gcctcaaggc caagatggat gctggacact    840
ctccagttat ccaatcaaga gtatgatggg tgccccatt gtttaccgga tgttgctaca    900
gcaggatctt tccaggtgat ggggctttga ggattggtaa gagagtctgg ccccatcccc    960
ctgactccct cacatacatt catgcctatc tatctgaatc tctcgcacac agagagcccc   1020
atgaagccat ttgcatcatc aaagcaccca gaaaccaggt ctagtcctga gtggactttg   1080
gttccagggg ggctgagggc aaacatttat ttctcttctt   1120
```

<210> 8991

<211> 1573

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (163)...(1573)

<223> similar to gi4106549 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8991
tttcgagaag gggcgaggcc cgtttgcagg ggccgctcgg cccggggaag cccgcgcccc    60
gctcagcctt gcagccccgc gcccgaggca tctccctgga ggaacggaga caaaggagga    120
ttcatgtcca aagggtctcc agagaccagg acggacgcag ccatgtcaga gctggtgcct    180
gagcccaggc ctaagccagc ggtgcccatt aagcccattga gcatcaactc caacctgctg    240
ggctacatcg gcacgcacac catcatcgag cagatgcgca agaagaccat gaagaccggt    300
ttcgacttca acatcatggt cgttggccag agtggactgg gcaaatcaac gctgggtcaac    360
acgtctttca aatcccaagt gagccgcaag gcctccagct ggaaccggga ggagaagatc    420
cccaagacag tggagatcaa agctatcggg catgtgatag aggaaggcgg tgtcaaaatg    480
aagctgaccg tcacgcacac cccaggcttt ggagaccaa tcaacaatga aaactgctgg    540
gagcccattg agaagtacat caatgagcag tacgagaagt tcctgaagga ggaggtcaac    600
```

atcgccagga	agaaacgcat	ccctgacact	cgtgtccact	gctgccttta	cttcatctct	660
cccacaggac	actccttgcg	acctctggat	cttgagttca	tgaaacacct	cagcaagggt	720
gtgaacatca	tccctgtcat	tgctaaggct	gacaccatga	ccctggagga	gaagtctgaa	780
ttcaagcaaa	gggttcgcaa	ggagcttgaa	gtaaatggca	ttgaattcta	ccccagaag	840
gaatttgatg	aggatttgga	ggataagacg	gagaatgaca	aaatcaggca	ggagagcatg	900
ccttttgctg	tggtgggaag	tgacaaggag	taccaagtga	atggcaagag	ggtcctcggc	960
cgaaaaactc	catgggggat	catcgaagtg	gaaaacctca	accactgtga	gtttgccttg	1020
cttcgagact	ttgtcatcag	gacccacctc	caggacctca	aggaagtga	acacaacatc	1080
cactatgaga	cttacagggc	caagcggctc	aatgacaatg	gaggcctccc	tccggtgagc	1140
gtggacacag	aggaaagcca	cgacagtaac	ccatgacgac	cacttctctg	tgatcatcaca	1200
cataccact	tcacacacac	acatcccaaa	taccaccacc	aaccaccttc	ttcctctcaa	1260
ctctgtccca	caggcctgtc	tggtatttgt	ggagcatctt	gtctgtgtgt	gtgtgtgtgt	1320
gtgtgtgtgt	gtgtgtgtgt	gacagagaga	gagcgagaga	gcctgtgtgt	gtgcatgcag	1380
gggagaggta	ttttcactgc	cctccctgga	gagtccttg	taagtgtggc	tctccatgc	1440
ctgtccatta	tctgtctcct	ttttttgtgt	cccaaaaaca	agctgtttgc	ctcactcaag	1500
agatctgggg	gaggttttat	ttaaaagtgc	tgggagcagg	tgaccacagg	caactcttct	1560
ctcggaacct	gcc					1573

<210> 8992

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (532)...(1150)

<223> similar to gi3877563 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8992

taacaggtta	aagaagtgcc	aaccttcctt	cctgggtggg	gaagggggccc	aagcttggcc	60
ggggcgaaaa	gttttnaagc	accattgggg	gttttctgta	agtgtggagg	gtttggacca	120
gggtgggcct	gtgccggg	ctctccacct	ggtgcctttg	acagacactc	cgggctgtcg	180
gtaaggagtc	aagtacctgc	cggcagcccc	cgctagtttt	cgatttcccc	ccagcactgt	240
ccgaaaactt	gaagggcgac	ttcaacttgt	cctgcttggg	gagggagagg	gccttgtcga	300
gcttgcttgc	caactgctcc	tggtcgctgg	ccatcttctt	cttcttaatc	tttagctgac	360
tgatgaagtc	cgacgaggcc	tcatgttcat	cccaagtctg	gttcctcccc	ctggctttcc	420
ccattccgat	gagggcatca	tgttcctcct	cagaccctt	gtgtctcttt	cttatccctg	480
ctcccagctc	ataatcatct	gatgtcagca	gagacttgct	gctcagcttt	ccgctactgt	540
ggcgcctctt	ccctctcttg	cggggggggc	acagggcgct	cggggcgctg	gtccgcttcc	600
cgggcctgcc	agggcctctg	cgtgccaaagc	ttctatgggg	ttcctcgcg	ctgtcctcgg	660
agtcgccggc	gcgctgcagc	ttcaccagct	cacgctgctt	ctccttgtac	tggcgctgca	720
cctcggccag	ccgcatccgg	aagtccagct	ccagggcgct	catgtcctcc	agggaggact	780
tcatggcata	catccgctcc	tccttcttgc	gcacccagct	gtacttcttg	ttgggcttca	840
gctcccgccg	gagccgcagg	ttcttgagtg	ggtccaccac	gggcccatcc	agcacctccc	900

tcagcatgtg	gctgccagct	gccagcagac	tctccagga	gggccgcgcc	accagggccc	960
gctccgcacc	tcccatctct	tggtcctctc	tctccagctc	cagctctgcg	atctcactta	1020
gcaggggtgat	gccatgcagg	aagctctgct	ccaagacaag	gctctcggct	gcttccagct	1080
tctccaaggc	ctgggctcca	gcagcaccgc	gggagggcag	aggcctggcc	tggggcagct	1140
ccgcagctgc						1150

<210> 8993
 <211> 1649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1650)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (440)...(1649)
 <223> similar to gi340011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8993						
ccagccaggg	nttagcccta	cctangtgan	aaaattaaaa	nacaaaagaa	tgnggggttg	60
ggctcacaag	canttcaaca	aaccaaata	canaagtga	ctgcagggga	acctgggctt	120
agggcacat	ttggcactac	acgggctgta	gcgttcacgg	gcttaaagac	caaaaaagac	180
agtatgctta	caatttctgg	acagacctac	tatacaagga	caatcacaga	caaagccaga	240
ttgcaaagac	tgtttataaa	tacctacata	ttcaatgcac	agatatcaat	gtataactac	300
aaagatgaag	aacagtcagg	gaaacatgat	gtcaccaaac	agacaaagt	ccagtggctg	360
actctaaaga	ggcagagata	tatgacattc	ctgagataat	tcaaaatagc	tgtctaaagg	420
tataaaactc	cctggtaaaa	ataactcagg	aactgataac	caaatgatga	tgatgatgat	480
gatcaaccca	gaggactggt	tgaattcggt	gctcaaacca	gagaaaaaca	ctgtcctact	540
aatgatata	attttaata	aattgattgg	tcattactgt	caagcaattg	aagtaatttg	600
tccagataca	tataaagatg	aaggttttgc	tcaaattcaa	gtgagattca	acagctgaat	660
taaagctatt	caagagccag	atgatgtata	agtggctata	gcaaactgca	agacatttgc	720
ttttgtgcat	atatcttctg	cacagtttga	aatgtctcaa	ggtaatttca	aaaaaagtaa	780
acaccttctt	cataaagctg	taaaatgtgg	agcagtacca	ctagaaatgc	tgcaaattgc	840
cacgcagaat	tgaaacctcc	aacaaagtag	ctgctttcag	cgaaggaaaa	gagttcatca	900
acattgacaa	tattaactac	ccaagaatca	ttctctagtt	cattgaacat	ttacagaata	960
ggaacatgct	gtaattaggc	aattaggcaa	gagaaagaaa	aggcatctaa	attggaaagg	1020
aggaagttaa	ctgtctctgt	ttacagatga	cacgatcata	agtagagaaa	atcctaaaga	1080
ctccacccaa	aaaactgttc	gaactaaaaa	acattcagta	aagtttcagg	atacaaaatc	1140
tacaacaaaa	aactagtatt	atttcttttt	tttgagacaa	gatctcactc	tgttgcccac	1200
gctgaagtgc	agtgttgcaa	tcacagctca	ctgcagcctc	aactccctgg	gctcaaccaa	1260
tcctcccacc	tcagcctccc	aagtagttgg	gaccaccaca	cctggctaac	ttttgtatta	1320
ttttgtagag	aaaggggttt	gccatgttgc	tcaggctggt	ggcaaactcg	cgagctcaag	1380
caactcacct	gccttggcct	cccaaagtgc	tgggattaca	gccataaacc	agtatcattt	1440
ctatacatta	atggtgaact	atatgaaaaa	gaaatcaaga	aatcccatt	tacaatacaa	1500
ttaaaaaaaa	atatatatat	atatatctag	aaatacactt	aacctgggtg	aaaaatctct	1560
aggatgaaaa	ctataaaaaca	ctgatgaaag	aaactgaaga	gccaaataaa	tggaaagtta	1620

tcctgtgttc atggattgaa agaattatt

1649

<210> 8994
<211> 1468
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (640)...(1468)
<223> similar to gil322994 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8994
ttaaatacaa ggctatctta tcactttagc tatatgatta cagctctttc aagtagtttt 60
cctttggtac tagaaagtca tttttctaaa gagcattaac atttcaaata agcaaatttt 120
atttagagat gtaaacaatgt aaacattaaa aactcaacta aattttatct ttattatgat 180
gggcactgat ttaaactatt aatgaaaata tgtcatgtca gagatataaa gaagaatata 240
tcaccagat agtaacatgc aattaatttc catttgatta atataattgg tgatttaaca 300
cacatacata tatacacagt agtttggagc aatataatagg caaacacca taataattta 360
tgcacagtat ttaagaatgt gggccttgat aacagaattc caacaagatt ttttttagtg 420
tattaaatgt aattggataa aatacaatta aaagcagcag tgaatatatt tctctatctc 480
actaactgaa aaaaacttat ttatgtaaac tttatacatg tgcattcttg ctcttttcta 540
tatgttttac agttcttggg tcttctttta aaatagtatt tgccactctt cttaaattttt 600
gaatagtcta aatggaggga actgcttggt atacattagt cttcttcagc atcatatgcc 660
acttctgcta cttctatctc tgatacagca ttttcagggt cactaaaact taagcatggg 720
ttattatcag ctctagattc ttcattccagg acatcttgat caacctcaag tgcagaggac 780
tccaccttta ggatctgttc accttctggt tctgacacat ccagtgatgc ttcagggtct 840
aaagacaatg ttctgattct gttctctaaa gtgtctatat gaagttgctt ctactgagc 900
agtttcttta gtgattccat ctctttttgt ttttcaagta gttctttctg taagcggtag 960
tttgtctctt ctaaagtttc acagaatgcc ctgctttcct ctaggctatc aaatggaccc 1020
ggtggatcat ccaaacaaag aaattctctc actgcaaggc agttagcaat gtccttgatga 1080
gctactaaat tttgaagaaa cgcttgtaat cctaattgtc tgtcttctaa aaagtcagca 1140
ttgtaattat ctttaaacca gcgttttgga ggaagtgtca gtcgaaaacc tggaaacatc 1200
tcttttaact cacagaaatg ttcagctttg tccactgct gtaactttgt cattaagcct 1260
agagaagtca gtgtatcttc tgaaaactac ccagctttct tctggggttt tctttactag 1320
tattttatat acagtaaatt tagctctttc ttccatcact tcataaccca gtatagtagg 1380
tgtagatggg ctatcttccc aattcactgt ttccggattt tggtcttcag tgtctcttgg 1440
tctagtagaa tactcaatgg aagaagct 1468

<210> 8995
<211> 1024
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (104)...(640)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8995
ccccgaaatg accacgtct cacccaatca agacgtgatt catcaagtaa gacccgcgcc      60
tttctggtcc ccaggttcct tcccgctcac gccggagtca cttccgaaga gagaaccgcc      120
atgaagagag aaggggggtgc cgcccacctc tgctccgaca gcctcccgga gtcccagcag      180
caagacggca accacgcacc caacttctcc agccacggct catgccgccg tcgccagcgg      240
cgccgacatg acaaggcgct gcatgcccg ctaggccagg ttccccctcat ccccgacccc      300
ggggtcgtcg ccccgcgct gccatctgag acccggtagt accgcccatt ctgcagcggg      360
aaagagaaca gagagtcctg gggacaggta ccgtgcagag ggcttgagaa ggggccgggt      420
cgcgggggca aggggatgag gggagggctg cagaccgccg ctcttcagc tcccgccatc      480
ctccgcgagc tcaggcggtg gcatttcggg gcctggcaaa tccccgcccc gcctccgcgc      540
aggggctact gggagttgga gtttgcttct ctgtagtgg gcagctgctc ttggtctagt      600
gaccaccagc ctggacagct acggagaacc cgccttaggt agaaagaaag tgattttttt      660
cctttgcaag agtttgacct gggaccctaa ctgcttaatg catattttaga tcgttttctg      720
tacgttgtca gttctactga tcctagtgg ttagtaatat aaaccttttc tatgttgttg      780
gtgaaattat gtaacctgtg atgaggggat cccttcacg aattactttg tagtccagcg      840
tgacgctag ttcatactta aaagaacttg cagatttgga atgtgacgtg ttttctcttt      900
cagtaacttc gacgcctctc caagaggcta attttttttt aaagattttg tgggagctat      960
gtaatgagat ggggagtttc atctaatac atcctctgac aataaaacat gtttaaattc     1020
ccta                                           1024

```

```

<210> 8996
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (65)...(328)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8996
gcaagacagg aaaaaaagaa tgacagtata aaagaccaca aaacaatcaa aaacaagtaa      60
cagattggca gcagtcagtc tttacttata aataataata ttgaatatat tggattaaac      120
tctccaatta aaagacatag agtgggttaa tggagcataa aaacaatatc caaacatctg      180
ttgccttcaa aaaatgcact tcacctttta aaacacatag actgaaaata aggggataga      240
aaaagatatt ctactctaataaaaattaaaa gaaaacaata tcttaaaaat atcatttatc      300
ataatcaagt aagatttatc cccgggatgc aaggatgggt caacaaatgc aaatcaatta      360
atatgatata ccatatcaac agaataga                                           388

```

<210> 8997
 <211> 547
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (199)...(547)
 <223> similar to gi4079809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8997

tcttgccctcg	gcttcgtgag	tagctgggat	tataggcgcc	cgccaccacg	cctgggcta	60
tttttgtatt	tttagttggg	acggcgtttc	accgtgttgg	ccaggctggt	ctcaaattcc	120
tgatcccccg	tgatgtgccc	cgctcggcct	cccaaagtgc	tgggatgaca	agcatgagcc	180
acctcgcccc	accatgtgtc	atTTTTcttg	tatgtttacat	aagagcttgc	attcacaaga	240
gatgggctct	gtggtctgtg	gaatgaaatg	gttaaagatg	gagaaattgt	atacactgga	300
acagaatcaa	cccagaacgg	atagctccct	cctggaaaag	agacgagggt	tcaccgtgtt	360
agccaggatg	gtgtcgatat	cctgacctcc	tgatccaccc	gccatggctt	cccaaagtgc	420
tggggattac	aggcatggag	ccaccaaggg	ccggccaata	tatttggttt	ctttatgaaa	480
attatactgg	atctgtttaca	gatgatagtg	tcgaaccaag	tgggacaaaag	aaagatctga	540
atgacaa						547

<210> 8998
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (277)...(615)
 <223> similar to gil408211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8998

ggcaaggggc	ccctgaccc	cttcttccaa	atatacgctt	ttgtctttta	ttcctgcatt	60
cgcccgcttt	gttcagtc	ccctaggtcca	tgtgggttac	atagtggcgc	cgcagaaacag	120
ggacttcaag	gacgtaaa	acgaaaaggt	ctggtgagcag	aggaactgaa	attgagaagg	180
tgaacgggga	cctcaggccg	agtctgccga	cagggatata	aggagatgga	caaaccctgt	240
gggtgccttc	aagggtgtgtg	caaccatgga	atgggagact	ggaggaaccc	aggggtggcca	300

accatgagcc	cggctccttct	ggtacgaacc	atgagacagc	tgagcctgag	tgtaaagaca	360
gacagaatgc	cggccagagt	cacaacactg	ttctaattgct	atgttttctg	taaaattgga	420
tggaaccacca	atcagagaat	gagagctacc	caggctggcc	ttacattctt	tcaattaata	480
cataaaca	aagtgggata	tgcagggagc	cgaaagcctg	tgggacannn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntggc	600
caaacttcca	ctgcg					615

<210> 8999

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(412)

<223> similar to gi4926918 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8999

aaaggatgga	tgtgactggg	gaccccaggg	catgagaacc	cggcgagatt	cagactctaa	60
agctgggccc	gctgcaccgc	aactgcagcc	gtgagcagca	cagggtggta	cctcccgcc	120
cgaggacctg	agcagcaagg	cctgtgacag	cctggccatt	gacaagtccc	tgccactgat	180
caccctgggtc	ctgcagaggg	tggcaccacg	gtgatgagga	ttacttcctg	tgtctgcctt	240
ccaataactaa	gagtatggca	ttgaccaata	acgagacgag	ggcataggac	aattctgatg	300
gagatatggc	ttgggtttcc	aggcatcctt	tgatgtggat	gaactatagc	ggggcatggg	360
tgaagcagaa	gaatgtggcc	aggcagctga	acaaggctcc	atccagtgc		409

<210> 9000

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (445)...(746)

<223> similar to gi3393018 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 9000
ctccgacttc catttcccac cctaaaccgc ctaccggtg tctgttccc gcccggttgt 60
cctcgccctg ctgcctgag tgtcccctgt tagcctcgac cccatggcgc tgcagacgct 120
gcagagctcg tgggtgacct tccgcaagat cctgtctcac ttccccgagg agctgagtct 180
ggctttcgtc tacggtccg ggggtgtaccg ccaggcaggg cccagttcag accagaagtc 240
atatctgacg gcagcttcca gaacatgctg gctcccatat ccacagagca ctttcctcca 300
acacggctcc ctacccttcc ctgtgcttcc cccagtgtt ccagcaagtc tgtttaattc 360
acgtgtcctt caagactcag atttgtcatc tctaggagaa tttctccctc ctgtgccct 420
gatctgatcc ctatgctgag tgcgaatgct atgtggact ttgtgttcac agtagatgac 480
cctgtcgcac ggcattcaaa gaacctgaag aaaaattgga gtcactactc tttcctaaaa 540
ggtttagggc ccaagattat cacgtccatt ccaggattaa ctatgggcgc tgggagttaa 600
cttacaattt cattggattc atgtgttaat gggtaggggt tattcaaata tgggagttaa 660
ttaggcacta ggcgtttngg attgaaggat ctcctcaact gggattaact tattacattg 720
ctgggacgga ttccaaaaac ccggtgaaaa ttatctcagt ggaacggggg tgtt 774

```

```

<210> 9001
<211> 1377
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1378)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1324)...(1068)
<223> similar to gi3004653 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9001
agacagttcc ggtaagacac acagccggcc gaatacattg ggctggggct ttggtcggaa 60
ttctattgct cctctgccac agcaggaggc ctctcgggct ccagatgcct ttggtttcta 120
ttaaagaaac gcagcttgta tttgcactaa ttaaaaacca gaacggaaaa agggggcagg 180
aaccoccgaa agtctgttag gctggaaact gattcccgtg gtgctcagg tgctcatccg 240
ccacagacag gtaggtggct ctcatgctgg gagagtacgt aggcggaggg gaggtctctc 300
cgattagtgg cacgttctcg tagcgtgggt tcctaccaa gagcatggct tggttcatgt 360
actcggagac aggggcgttg gagatggctc gggccggggg ctgcaggctg gtctgacttc 420
ccaggccact gctgtagctg cagaagctgt gaagctgtcc cctcggggga ctgtgagccg 480
ccatgcgcca ggcttggggg ttaaaggggt catcatcatc aatgtcatcg tagtctctgt 540
ttctggtggg gaagtgttc caggcccttg gccctgcaca gatcatgggt gagaaggcga 600
gggcggccag gaaggagaag aggccaaagg acagcaagcc ctggaggccg tcgtagcaga 660
tgccagcaag agcgtccaga taatccttgt gcagccctcg gcagtcacc atggcggcca 720
gctgggtgaag gctggactct gaggagtcca gcaggagctg gattgcaagc aggtcttctc 780
ctgcagtgga gaagaggggc acggcaaaact gcagcagccc cgcgacctgg atctgcatgg 840
tggtaaagtgc gcgctggaag gtggtcaggg tctgctggaa ggggctgctt ccactctggc 900
tgcaatacag gtagtagcga gtcacctctg tgctgatctg gccctccgtg acgttcagga 960
tgaaggtgtc aggagccaca cagaagtcac tgggtggccc tgccgcagag ccatcagcgg 1020
ccagggatgc ccaactgagg agcaggctca gtgcccaca gcacagcatc gaggccagga 1080

```

gacacttggga	gcgcttggcc	agtcccaggc	aggcaatgag	gcagatgacc	aggtccagga	1140
taaagagcag	gaggtaggag	agccacctgt	agtactccac	gtagccagtc	tggtcggata	1200
gcttggtcag	ctccatgggt	acctccctcc	acacgggcag	tcttgagagc	tgaacaacaa	1260
cgctgcccgc	catctgctgt	atgaacttca	gggtctgcag	gtaatcgccc	cgggcagcaa	1320
agatctcact	gagccggggc	aggacgaaat	cgtcgacccg	ggaatttnnn	ccggtac	1377

<210> 9002

<211> 1138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (316)...(1102)

<223> similar to gi2226004 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9002

cgcctagctt	ggcaagaggg	agatggaccc	tgggctcggc	gtcctccgga	aaactgcact	60
gtgaggcggg	gcatggggga	agggccgaag	ccccgccagc	ccagctaaag	cagacggctc	120
gcactgcgac	ccgaagcgcg	agtcattggc	ggggccttag	tggcaacaag	tgctgagatc	180
agcgggctca	gtagcaggaa	cacaagcacc	cccttgcggt	gtctggagga	agcggcgcg	240
acagtctccc	gctccaccgt	gtcgggcctg	aagaggccgc	tgaacgctcg	cgattactga	300
ggcatctggt	aggatcgcaa	ggccatcaac	ctacaggtga	agctcgaggc	gctgtggcgc	360
tttgaagccg	gagagaagct	cagtagaatc	gggaaggcgc	tggggctgtc	caactccacc	420
ttggccacca	ttcgtgacaa	caaggaaaag	atctgggcga	gttcccagga	ggccacactg	480
caggcggcca	ccaagttagc	gcgtggccgc	agcctggtga	tggagaacat	ggagcagctg	540
ctgagcatgc	ggatggagga	ccagagccag	cgcaacatgc	ccctcagtgt	ggtgctcatt	600
cgggagaaa	cccacagccc	gttcgagaac	cgcaagcagg	agcagggcga	gggcgcctag	660
cccagagagc	tcggggcccg	tcgaggggtga	ttcgctggct	ttaaggcgcg	ccacagcttg	720
agcagcatcg	gggccagcgg	cccaagaacg	cagcgtgcaa	gaatccagcg	ttaatgcgca	780
gggtgatccc	ggaggcgggc	tacacactct	ggctggtgtt	caccatgaat	aagctctggc	840
tggtgttcac	catgaataag	cccaggttcc	tctgtaagcg	cctgccgaga	ggacgttcat	900
tttctgtgtg	aagatgagtc	ggcccctggg	tcaaagccgc	cggagacctc	ctgacctat	960
tgctcgggtg	caacgcagcc	ggcgacttca	agctgaaggc	cctgctgggg	tacctctcgg	1020
agaaccctgt	tttctcaag	ggctccttca	agcccaacct	gcccttggtg	tggtgctcgc	1080
acaagaaagc	ctgggtacag	cctgggtgac	agagcgagac	tccgtctcaa	aaaaaaaa	1138

<210> 9003

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1769)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (552)...(1771)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9003

tttttttttt	ttacaacttt	tttaatatat	atattttataa	acaggtcacg	tgataaaata	60
gcacaagaaa	cccttaccaa	atataagggt	atatcttccg	catatacagg	agaatgaggt	120
cgttatgtac	aataagaaaa	tgatttttagg	ggttgggttg	ttttgttttc	ctctctcccc	180
ttaatttttc	ctcctacagt	cgttggaaat	atcacagctt	cagttgcatt	aatactttgg	240
gcaaatggac	agctgcccc	ccccactagg	ggttgtgggg	aggaggggct	ggagaaaactg	300
gctcctgacc	actcagccct	ggagcttcc	ggggctggca	ctccagggac	aggaaaatct	360
ttgggctggt	gatctgtttc	tgattcaaca	gcctctctct	ctctctttct	ctctctctct	420
caactctctt	ctctctctca	ctctctgggt	ctctggaaac	tggttactct	cttccaacca	480
gatagggagt	gtcccaagat	tggtgtgtgg	cgcggtatct	cctggggctc	aaggttggga	540
tggaagggg	tcccagcccc	ctcctcagca	acagctgaga	tttgccagca	tccccagga	600
cttccaaatg	tctcgggccg	acagagcacg	gtcagagccc	atttgggcag	acagaagttt	660
gggaagctgg	ggaggggtga	agtgggggtg	ggggggcagg	ctagaaagga	gccctccctc	720
ctcgggggtg	ctaggggtg	ctggccactg	gaagattgga	gtcgtgacc	cagtgtgac	780
cctgaccctt	ggctgggtcc	actctgcaga	ctccacctga	ggagaccac	ccagggtgaa	840
gctcggtgcc	caggcctgaa	ctgagcccgg	ccgggtgcaa	gggtgaggt	gtgaggtcgg	900
cccaggcctc	ttcccaggcc	tgaggggtgg	tacagctcga	ggcttgcaag	gtgcctgcgc	960
caccctggg	ttgaggccga	ccggagtcag	ctgggatcac	gttaatgact	ccaagcgatc	1020
gccagccctt	ccgccctctc	cctgcccatt	tctctcagcc	tggccaggga	ccaaggccgg	1080
gttttggggc	ggacagggga	ctgccccaca	cagcggaag	gaggaggaga	ggccgcgtgg	1140
gtcaggctgg	atgggtgagg	aggtgcgggt	ggggcctggg	ctctcggcgg	cgggccatgg	1200
ctttggcgg	ggcctgtttc	ccctgacacc	cctcggaggg	ctccaggtat	ggtgcgggtg	1260
aagatgcagg	aagcccgtgg	ggctcttctg	ggcccgtgtc	ctggggggacc	cagccccctc	1320
aatcccactg	ggccctgccc	gggatggggg	ggacagtggg	aagacagagc	gggtgtggcg	1380
gggaaggcgg	taagggcaca	gtctggagag	ctcaaagccc	ccccaaaggac	cgagccccgc	1440
cccccaagcg	ggagggcgag	cgagtgatgg	cggcggctgt	ggctgtgggc	gtggcggaag	1500
gcggcgtgca	gtgcgggcac	gaggggcatg	cacaaagtcc	ccgagtgtgc	gtgcgtgcgt	1560
ggggcgggcc	caccgcgcgc	ccccctgccc	ggggcggtgc	tgggagggcg	gagggaccga	1620
aggtcgggga	ggggcttttc	ctcggtctgc	ccgcctccc	gcgcttggcg	ccggcgannn	1680
nnnnnnnnnn	acnnncangcn	nnnaaanaag	ggtgggcggg	ccccgcgccc	ccgcccaggc	1740
atggccgggt	tccgtgaccg	gtgtggtg				1768

<210> 9004

<211> 1263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(1227)

<223> similar to gi5410230 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 9004
ccgggtcgac gatttcgtgc gggagacggc ggtcgaaaaa acccggcggc ctgaagcttg      60
tgctttcttt gacgcaaggg ctcgagacgc agccgcgctc ggccgagcgc ccggctagaa      120
gcgacaccag acggagcctc cggagttcct ccgccccac ctgcgcgggt cctggagccg      180
cagtcctccc agctgcctc ctcgtggcca tggagtgtcc acacctgagc tccagcgtct      240
gcattgctcc ggactcagcc aagttcccca acggctcccc gtcgtcctgg tgetgcagcg      300
tgtgccggtc caacaaaagc ccttgggtct gtttgacttg ttcaagtgtc cactgtggaa      360
ggtatgtgaa tggccatgca aaaaaacatt atgaagatgc acaagtacct ttaaccaacc      420
ataagaaatc agaaaagcaa gataaagttc agcacacagt atgtatggat tgcagtagct      480
acagtacata ctgttatcgc tgtgatgatt ttgtgggttaa tgacaccaag ctgggactgg      540
tacagaaagt cagagaacac ttacagaact tggaaaactc agctttcaca gctgacaggg      600
ataagaaaag aaaacttttg gaaaactcaa cactaaacag caagttatta aaagtaaagt      660
gaagcaccac tgccatttgt gccacaggcc ttcggaattt ggggaacaca tgtttcatga      720
atgccatcct tcagtcactc agtaacattg agcagttttg ctgttatttc aaagaactgc      780
ccgcggtgga gttaaggaat gggaaaacag caggaaggcg gacataccac accaggagcc      840
aaggggataa caatgtgtct ttggtagaag agtttagaaa gacactctgt gctttatggc      900
aaggcagcca gactgcattt agcccagagt ccttatttta tgttgtttgg aagattatgc      960
caaactttag gggctatcaa cagcaggacg cccatgaatt catgcgctac cttttggacc      1020
acctacactt ggaacttcag ggcggtttca acggtgtttc ccgctcagca attctgcagg      1080
agaattctac tctgtctgca agtaacaagt gttgcatgta agatttagtt gccttctgtt      1140
ttttaggagg gcctcagaca tttcttttgg tgtaatttat gtgttagatt tataacggaa      1200
ggtagagggg tttcttgagc atttgctgga actcttcgtg cccttgaact ttgtgaccga      1260
ggt
1263

```

```

<210> 9005
<211> 1396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(1196)
<223> similar to gi5689421 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9005
ctaggaggaa atactgaccc cataaaccta aatctcacac acggtttttg acgtttaaac      60
gaatggattt aacagccttt tggaattcag cctgtttgtc atgactgtcc aaagtatgat      120
aatcacatga gagtgtctgt tgctacggat gtcatttgac tcacagaga aaatctgtct      180
aaaagaaaat atccatgtga ccaaatccat ttcattattg aatggcttga tggatttcct      240
ttactctgat tcataccaaa gctgtccttc tcaaccaaag caagaaagga tcctgcatga      300
gtcaatccca gaatgcaatt ttacatcac caacagggtga agaaaacctc atgaatagca      360
atcacagaga ctgcgagagc atcactgatg tctgtctcaa tgaggatctc cctgaagttg      420
agctggtgag tctgctagaa gaacaactac cacagtatag gctaaaagta gacactctct      480
ttctatatga aaatcaagac tggactcagt ctccacacca gcggcagcat gcatctgatg      540
ctctctctcc agtccttgct gaagagactt tccgttacat gattctaggg acagacaggg      600

```

tgagcagat	gaccaaaact	tacaatgaca	tcgacatggt	tacacatctc	ctggcagaga	660
gggatcgtga	tctggaactc	gctgctcgaa	ttggacaagc	tctcttaaag	cggaaccata	720
tcttatctga	gcagaacgaa	tccctggagg	agcaattggg	acaagccttt	gatcaagtta	780
atcagctgca	gcatgagcta	tgcaagaaaag	atgagttact	tcgaatcgtc	tccattgctt	840
ctgaagaaaag	tgaaactgat	tccagctggt	ctacacctct	tcggttcaat	gagtccttta	900
gcttatctca	aggggtgctg	cagttggaaa	tgctgcaaga	aaagctcaag	gaactggaag	960
aagagaatat	ggctcttcga	tccaaggctt	gtcacataaa	gacagaaact	gttacctatg	1020
aagaaaagga	acaacagctt	gtcagcgact	gtgttaaaga	acttcgtgaa	acaaatgctc	1080
agatgtccag	aatgactgaa	gaattgtcag	ggaagagtga	tgagctgatt	cgataccaag	1140
aagagctttc	ctctcttttg	tcacagattg	taggaccttc	agcatagact	taaagaagta	1200
ggcttattcg	ttcattcaac	agatatttgt	taagcactca	cataggatct	tgcaccatgc	1260
taagggctag	atacataaga	cagaatacac	attgaccttg	cccttttaag	atgccctagt	1320
ctgattgctg	ctttaatcat	ctttatgtca	tataagagat	catgagtaaa	tactttacag	1380
tcactatttc	tctgtg					1396

```

<210> 9006
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(379)
<223> similar to gil82221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9006						
ggaactggaa	gatagatctg	aagagttaac	tagaatgcag	ccagatagac	aaagagatgg	60
ggaacatgta	agggaggtta	ggaacatga	agaatggaga	gaaatgtcta	acatgcaaaa	120
aaattctccg	gaaatgagac	aagcaatatt	tgaagcaa	gatataaaga	gacatttcat	180
gaagaggtga	caagaatact	taatatacat	gtaaaaagat	gttggaaactc	attagtaatc	240
aggaaaatgc	aaattataac	caacgtgaga	tactcttcca	caccaccaa	actggaaata	300
gttgagtgtc	tgatacttct	aagcaaaaaat	ggggaccagt	ggggactctc	atcaacagca	360
gacagaagtg	tcagtacaac	tt				382

```

<210> 9007
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(935)
<223> similar to gi5912153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9007
gcgggcgcgc acctgctccc gtcgccctac agcaagatca cgccccgcgc gagggcccccac 60
cgctgcagca gcgggccacgg cagcgacaac agcagcgtgc tgagcgggga gctcccgcgc 120
gccatgggga agacggccct gttctaccac agcggcggca gcagcggcta cgagagcgtg 180
atgcgggaca gcgaggccac cggcagcgcg tcctcggcgc aggactccac gagcgagaac 240
agcagctccg tgggcggcag gtgccggagc ctcaagaccc cgaagaaacg ctccaatcca 300
ggttctcaga gacggaggct tatcccagca ctatccctgg acacctcttc ccctgtgaga 360
aaacccccca acagcacagg cgtccgctgg gtggatggcc ccttgcgagg cagcccagg 420
ggccttgggg aaccttttga gattaaagtc tatgaaatcg atgatgtgga gcgcctgcag 480
cggcgacgag ggggtgccag caaggaggcc atgtgcttca atgcaaagct gaagattctg 540
gaacaccgcc agcagaggat cggcgaggtc cgcgcgaagt acgagtggct gatgaaggag 600
ctggaggcga ccaaacagta tctgatgctg gatcccaaca agtggctcag tgaatttgac 660
ttggagcagg tttgggagct ggattccctg gagtacctgg aggcactgga gtgtgtgacg 720
gagcgctgg agagcgtgt caacttctgc aaggccatc tcatgatgat cacctgcttc 780
gacatcacct ccaggcgccg gtagatgagc cagacccttg tcctagtggc ccccgctcc 840
ccaggacttc agagatgttg cagcccccta ggccctctgt gctggggcat caaagacaat 900
gaatgaggat gaaggctggt ggcaagtctg gagcgc 935

```

```

<210> 9008
<211> 1148
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1149)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (49)...(1148)
<223> similar to gi459714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9008
ggcacgagcg tccgcagagc cagttcctag cgcagagccg cgcccgccat gagggagatc 60
gtgcacatcc aggcggggcca gtgcgggaac cagatcggca ccaagttttg ggaagtgatc 120
agcgatgagc acggcatcga cccggccgga ggctacgtgg gagactcggc gctgcagctg 180
gagagaatca acgtctacta caatgagtca tcgtctcaga aatatgtgcc cagggccgcc 240
ctggtggact tagagccagg caccatggac agcgtgcggt ctgggccttt tgggcagctt 300
ttccggcctg acaacttcat ctttggccag acgggtgcag ggaacaactg ggcgaaaggg 360
cactacacgg agggcgcgga gctggtggac gcagtgcgtg acgtggtgcg gaaggagtgc 420
gagcactgcg actgcctgca gggcttcacg ctcacgcact cgctgggagg cggcacgggc 480
tcaggcatgg gcacgctgct catcagcaag atccgtgagg agttcccga cgcctacatg 540
aacaccttca gcgtcatgcc ctcgcccagg gtgtcggaca cgggtggtgga gccctacaat 600
gccacactgt cgggtcacca gctggtggag aatacagacg agacctactg catcgacaac 660
gaggcgctct atgacatctg cttccgcact ctgaagctga caacgcccac ctacggggac 720

```

ctcaaccacc	tggtgtccgc	caccatgagt	ggggtcacca	cctcgctgcg	cttcccgggc	780
cagctcaatg	ctgacctgcg	caagctggcg	gtgaacatgg	tgcccttccc	gcgcctgcac	840
ttcttcatgc	ctggcttcgc	gccgctcacc	agccgcggca	ncagcagtac	cgggcnctga	900
ccgtgcccga	gctcaccag	cagatgttcg	acgccaggaa	catgatggcc	gcctgcnatc	960
cgcgccatgg	ccgtacctg	accgtggcca	ccgtgttccg	cgggcccattg	tccatgaagg	1020
aggtggacga	gcagatgctg	gccatccaga	gtaagaacag	cagctacttc	gtgggagtgg	1080
attccaaca	acgtgaaggt	nggccgtgtt	gcgaanattc	ccgncccggg	gncttgaaag	1140
gatgggtt						1148

<210> 9009

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (337)...(364)

<223> similar to gi498729 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9009

caaggtcttc	agtaacgttc	aagtcttgca	gtgcatcgac	gaattcacac	tgtagagaaa	60
ccttgcaaat	gcaatgaatg	tggaagggtc	ttcagtaaac	gttcaagtct	tgcaagtgc	120
cagagaattc	atactggaca	gaaaacttac	aaatgcaata	aatgtggcaa	ggtgtacagt	180
aagcattcac	gtcttgca	gcattggaga	attcataccg	gcgagaaagc	ttataaatgc	240
aatgaatgtg	gcaaagtttt	cagcatacat	tcacgacttg	cagctcatca	gagaattcat	300
actggagaga	aaccttacia	atgcaatgaa	tgtggcaagg	tcttcagtca	acattcacgt	360
ctt						363

<210> 9010

<211> 1693

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (813)...(1483)

<223> similar to gi862423 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9010

agaggagaga	ggacgggctt	ggatgaagaa	gggaaagaaa	gagaaagaga	ctgaagcaga	60
gaagagccgc	agaggaagaa	agtgaatgag	cactcaagaa	ggacaaagag	gagtagtcgg	120

gggtggggtg	gaggcagggc	ggggaagggg	gtgaccgccc	ctcctggctg	cactcttgcc	180
tccggagccc	tctgatcctg	tttgacgtga	tgctccgagg	gcaggcacct	gctgctctgt	240
aatgattcag	cccccttcag	ccgtcgtcgc	gttaacacaa	caggatgctg	ttgctattgt	300
cactactgcc	tctcctgccg	ccgtcgtcgc	tgccgcccgc	gccaccgccg	ctggtcctcc	360
ttctgctttt	acttctcctg	catgacagtt	gttttcttca	tctgagcaga	caccagcttc	420
agatgctcga	ggtgagaaaac	atgcctttca	gtttgggcta	ctggtttact	taattaatca	480
gccggcagct	ccgtcgatct	attttcgtcc	ctgtcctctt	gacgagcccg	ggatggtttg	540
gagtagcatt	taaaagaact	agaaaagtgg	cccagaaaca	gcagcttaaa	gaattattac	600
gatatacttt	gattttgtag	ttgctaggag	cttttcttcc	ccccttgcat	ctttctgaac	660
tcttcttgat	tttaataatg	gccttggact	tggacgattt	atcgatttcc	ccctgtaagg	720
atgctgtatc	atttggttgg	ggggggcctc	tgctgtgtaa	tggaccgtga	ggagcggcca	780
ggggcctttc	ttctgggagg	tgaagccgat	gggagattta	ttccccagac	atgtctggag	840
gtcgccgccg	agaggctctc	cagccccctc	actcagctga	gtgcagaccc	atctcttgat	900
gggcttccgg	cagcagaaga	catgccagag	ccccagactg	aagatgggga	gaacccctgg	960
gatttggtgg	gctgggcctg	ccctgctgtg	cgtgcctaga	agctgagcgc	ctgagagggt	1020
gcctcaactc	agagaaaatc	tgcattgtcc	ccatcctggc	ttgcctggtc	agcctctgcc	1080
tctgcacgcg	cggcctcaag	tgggtatttg	tggacaagat	ctttgaatat	gactctccta	1140
ctcaccttga	ccctgggggg	ttaggccagg	accctattat	ttctctggac	gcaactgctg	1200
cctcagctgt	gtgggtgtcg	tctgaggcat	acacttcacc	tgtctctagg	gctcaatctg	1260
aaagtgaggt	tcaagttaca	gtgcaagggt	acaaggctgt	tgtctccttt	gaaccatcag	1320
cggcaccgac	accgaagaat	cgtatttttg	ccttttcttt	cttgccgtcc	actgcgccat	1380
ccttcccttc	acccaccccg	aaccctgagg	tgagaacgcc	caagtcagca	actcagccac	1440
aaacaacaga	aactaatctc	caaactgtct	ctaaactttg	taagtagaga	gagagagaga	1500
gacgatgatg	atgatgaata	aaaggggtgg	gtttgaggtc	cccaaaggac	atttcccttt	1560
cttcttgcat	tttagttgcc	tggttttgtt	taagcaaagc	ctatgtttga	gatgcttggg	1620
atggcattga	agggccgagt	aaaatgatct	tgcaaactcc	ggatctgaac	cagtgttgta	1680
acagcagctc	tct					1693

<210> 9011

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (583)...(928)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9011

ggaactcaag	tgtcctacat	aggccaggac	tgacagagaa	ttccagagca	ccttggcagg	60
gactgtggac	atttcgcaaa	gaggcttgat	ctgagcttta	accttctgag	gtcactggaa	120
ggactgagcg	cattcaggag	cctggaggaa	ctcatcttgg	acaacaatca	gctggggggac	180
gaccttgtgt	tgccaggggt	acccagactg	cataccttaa	ccctcaacaa	gaaccgaatc	240
actgatttgg	agaacctgct	ggatcacttg	gcagaagtga	caccagctct	ggagtacctc	300
agtctgctgg	gcaacgtggc	ctgtcccaac	gagctggtca	gcttggaaaa	ggatgaggaa	360
gactacaaga	gatacagatg	ctttgttctg	tacaagctgc	ccaacttgaa	atttctggat	420
gccagaaaag	taaccagaca	agaacgagag	gaggcggttg	tcagaggagt	cttcatgaag	480
gtggtgaagc	ccaaggcttc	tagtgaggac	gttgccagct	ccccggagcg	ccactacacg	540
cccttgccct	ctgcttccag	ggaactcacc	agtcaccaag	atgaagtttc	attcttgtcg	600

```

cccaggctgg agtgcagtgg tgcgttctcg gctcactgca acctccgcct ccccggtca 660
agcgattctc ctgtctcagc ctcccaagta gctggaaata caggcatgtg ccaccatgcc 720
cagctaattt tgtattttta gtaaagatgg agtttcttca tgttggccag gtgtcctggg 780
gaagtgtcgc tacgtttact atgggaaaaa ctcagagggc aacaggttta tccgagatga 840
ccagctctga agccaacttc tgtatacctt caccatttcc atgaaaataa aatcaaaagg 900
gaaatcaaaa ataaagaaaa cgctaaag 928

```

<210> 9012

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(568)

<223> similar to gi4481810 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9012

```

agcggtcgtg ttgccatggg ccggaggaga gccccggccg gtgggtcgct gggacgggcc 60
cttatgcgcc atcagactca gcggagccga agccatcgtc acactgactc ctggttgcac 120
acaagtgaac tcaatgatgg ctatgattgg ggctcgtctta atcttcagtc agtgactgaa 180
cagagctccc ttgatgactt ccttgctact gcagaacttg caggaacaga gttttagct 240
gaaaaactta atattaagtt tgtgcctgct gaggctagaa ctggactact gtctttcgag 300
gagagccaga gaattaagaa gctccatgaa gaaaacaaac agttcttgtg tataccgagg 360
agaccaaact ggaacaaaaa tactaccca gaagaactca aacaagcaga gaaagataac 420
tttctagaat ggagacgtca gctttgtccg gctagaagag gaacagaagc tgatattgac 480
tccatttgaa cgaaatttgg acttttggcg ccagctctgg agagtcattg agagaagtga 540
tattgtggtc cagatagtag atgctc 566

```

<210> 9013

<211> 343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(344)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (16)...(346)

<223> similar to gi3413293 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 9013
ctctaaccaca tccatatggc tgccgctgcg ctacgcgccg atatctatct ccccgctgtt      60
tccccatatac cagggtacc tgctcctctc cgcttcgcat ggcgtctaca agcctgcaca      120
ccaagggcgcg ccttccccctg gaaacgggtca ctatgtacac ggtcattccc aaaagcaagt      180
acgtcttgggt gaaacctgac acccagtacc cctacagtga gaatctggat gagttcaagc      240
gacttgctga aaactcagct tccaacgatg atctcttgat ggcagaggtg gcgatctcag      300
attatggaga caagctgacc ctggagctga gggagaaata can                          343

```

```

<210> 9014
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (183)...(328)
<223> similar to gi51335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9014
gaaaaagctt acatgctcat ggtttcaagg tactaattaa cagaaagact ttcaaaactg      60
aaataggggt ctcagcagct cgggcagcgg gaggagtgcc agtagccagg cagcccagct      120
tcgcgaaggc tctcagctcc gtggcccaca ggtgcccagc aagtgcccct cctgccgcca      180
agatgcccac gaggaaggct agttcagccg aaggggtggc gaagcaagag cccaagagga      240
gatctgcgca cttgtcagct aaacctgctc ctgcaaaagt ggaaatgaag ccaaagaggc      300
atcaggaaag gctaaatctt cagattaa                                328

```

```

<210> 9015
<211> 413
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (28)...(415)
<223> similar to gi183885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9015
ggcacgagcc atgaaacttc tattgogaac gccatgcttc atttgacaaa cggggacaag      60

```

gctaatatca	gaagcctgtg	gcgcaaggcc	aatgtgtacg	aggctggact	acagaccctg	120
attgggctac	tggaggacta	cctacgtacc	aagaggatac	ttgacagctt	tggcaacctg	180
gcctctgact	ctgccatcat	gggcaaccca	aaagtcaagg	cacatggcaa	gaaggtgctg	240
acttgcttgg	gagatgccat	aaagcacctg	aatgatgcca	agggcacctt	tgtccagctg	300
agtagaactg	cactgtgatc	agctgaatgt	ggatcctgag	aacttcacgc	tcctgctaaa	360
tgtgctgctg	accgtgttgg	ccatgcattt	cggcagacag	ttcagccctg	agg	413

```

<210> 9016
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(375)
<223> similar to gi250803 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9016						
ggcacgaggt	tgagccaccg	cacccagccg	aaaaatctta	tttaagcctg	accttgggag	60
agttactcct	atgcttatga	tatagaaagc	tacaaaatac	attgtttcca	tcataacaac	120
aggaaaaagc	cagatagata	agccacaaaa	acataacttt	tcttgagtcc	agcagagagc	180
tgaagacaca	aggcaaccaa	gtaatcaagt	aatcagattt	aaaaagagga	acgctccctt	240
ccagggacat	tcggtgataa	taactcatac	gactgtggca	tggaccaact	gagagacctg	300
accagagaac	aactgatgtc	attgatgagt	tccttgacag	atcccagtca	gtgtcagaga	360
agtatcacat	ataag					375

```

<210> 9017
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(414)
<223> similar to gi4566746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9017						
ggcacgaggt	aaaacacggt	gattgtgaat	ggagttgcta	tggcctctag	ggcgacccag	60
cccacgcacg	tcaacgtcca	catccaccag	gagtcagctt	tgacacaact	gctgaaagct	120
ggaggttctc	tgaagaagtc	tctttataac	ctggagactc	tgtgctttgt	tctgtcagga	180
attgctgagt	attagtgaga	ttatctgatg	gctaatttat	tgggttggtt	tcttattgtc	240

atgtgtcctt	cgtatggcaa	cttaatgtta	tacatgtgta	gatttcacta	atttattggt	300
tatcacattt	gtggaatcat	ttatccgttc	atcttaggta	attattggta	ctagggttac	360
tgttctatgt	aagtgagtct	gatattatgt	tgtatgatga	aaagtatttg	ttgg	414

<210> 9018
 <211> 1448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (249)...(1448)
 <223> similar to gil77831 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9018						
cccccggtc	gagccggggc	tgtacactgc	ccaggcaaag	cgtccgggca	gcgtaggcgg	60
gcgactcaga	tcccagccag	tggacttagc	ccctgtttgc	tcctccgata	actgggggtga	120
ccttggttaa	tattcaccag	cagcctcccc	cgttgccccct	ctggatccac	tgcttaaata	180
cggacgagga	cagggccctg	tctcctcagc	ttcaggcacc	accactgacc	tgggacagtg	240
aatcgacaat	gcgcgtcttct	gtctcgtggg	gcctcctcct	gctggcaggc	ctgtgctgcc	300
tggtcctgt	ctccctggct	gaggatcccc	agggagatgc	tgcccagaag	acagatacat	360
cccaccatga	tcaggatcac	ccaaccttca	acaagatcac	ccccaacctg	gctgagttcg	420
ccttcagcct	ataccgccag	ctggcacacc	agtccaacag	caccaatata	ttcttctccc	480
cagtgagcat	cgctacagcc	tttgcaatgc	tctccctggg	gaccaaggct	gacactcacg	540
atgaaatcct	ggagggcctg	aatttcaacc	tcacggagat	tccggaggct	cagatccatg	600
aaggcttcca	ggaactcctc	cgtaccctca	accagccaga	cagccagctc	cagctgacca	660
ccggcaatgg	cctgttccct	agcgagggcc	tgaagctagt	ggataagttt	ttggaggatg	720
ttaaaaagtt	gtaccactca	gaagccttca	ctgtcaactt	cggggacacc	gaagaggcca	780
agaaacagat	caacgattac	gtggagaagg	gtactcaagg	gaaaattgtg	gatttgggtca	840
aggagcttga	cagagacaca	gtttttgctc	tggtgaatta	catcttcttt	aaaggcaaata	900
gggagagacc	ctttgaagtc	aaggacaccg	aggaagagga	cttccacgtg	gaccaggtga	960
ccaccgtgaa	ggtgcctatg	atgaagcggt	taggcatggt	taacatccag	cactgtaaga	1020
agctgcccag	ctgggtgctg	ctgatgaaat	acctgggcaa	tgccaccgcc	atcttcttcc	1080
tgcttgatga	ggggaaacta	cagcacctgg	aaaatgaact	caccacagat	atcatcacca	1140
agttcctgga	aatgaagac	agaaggtctg	ccagcttaca	tttaccctaa	ctgtccatta	1200
ctggaacctga	tgatctgaag	agcgtcctgg	gtcaactggg	catcactaag	gtcttcagca	1260
atggggctga	cctctccggg	gtcacagagg	aggcaccctt	gaagctctcc	aaggcccttg	1320
cataaggctg	tgctgacctg	cgacgagaaa	gggcctgaag	ctgctggggc	catgtttttg	1380
gaggccatac	catgtctatc	acccccgagt	caagttcgac	aaacctttgg	actctaataga	1440
ttggtcaa						1448

<210> 9019
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (13)...(398)
 <223> similar to gi490104 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9019
 ggacgagga cgatgacttg caaatgtcg cagctggaac gcaacataga gaccatcatc 60
 aacaccttcc accaatactc tgtgaagctg gggcacccag acaccctgaa ccagggggaa 120
 ttcataagagc tgatgcgaat agatctgcga gagtatgtca agatagatac taggaatgag 180
 aaggacatac ataagactgt ggaagaaatg tacctggctg ctcatcagaa cccgaacgct 240
 aacctgacca cacttgctct cggagaagtt caagcctgtg atgagcgtaa actccaacga 300
 gcctggctta ggcgtcaaca tgcacattcc atataaatct cttgcaggca taccgactg 360
 ctatacagcg agaaacaata actggcgaag gtggctgn 398

<210> 9020
 <211> 1106
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (949)...(1108)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9020
 tgtattggat tatagcattt attataccaa actatTTTTT ttttgaacag aaacatagct 60
 tgtaagcact taaactatta atggtcagtt catcatcac cagtatgaaa gttatttgag 120
 ggcagggatg gcctctttct gaaccttgta tcttcaggcc aaaaaaatgt ctgttgaaatg 180
 aaaccaatgt tgatgtacag caatgtggct ggaatttaga aagcttaata aaaattgggt 240
 gaggggggca tctaattcag aacatgtttt tgggtgtaag gctagtatca tctacttttg 300
 aaaacataat ttttatgatt agcaggtaaa ggtagcatga aactgcaata cactggctcc 360
 agacctttcc tctctgcctt gccacaggca tgcttgggtg gtctgattac aaaagtacgg 420
 atctcaacac tatatTTTTT attctaaaat ctcaaccaa atgatgggat catgggtgca 480
 aagtgggttt ttcccttaaa ttgtgagaaa ccatttccac atttcagatc taatgggtgtt 540
 ctcatgacat tgcaaagtag tattttatgc cctcaaaact gaaccttaag gtagagacaa 600
 ttgtcccccg ggccaaacac agatccctcc aaccctcac tgtaccttag gaaagctggg 660
 ataaactaca gattcaacaa aatctcaata agaaaatccc aaaaaccttc cccaatgccc 720
 tgtggttttg cctgaacata gggaaaatgg actgctgggt ggctacagaa caggaatgaa 780
 gagttaagaa taataaatgc ctaagttaca gggacagaac caatctttca ttaatgacac 840

aaagtagaat	gcacaaagta	gtatgcagta	tggctggggg	acagtcaagg	accatctaga	900
cttttaattg	ttagaagcac	cacaggtcca	aatgctcccc	agagtggacc	aaaactggat	960
tttgtccatg	gcaacactgt	tctccactat	tctgtctata	atgagaatat	atcaatagca	1020
ggaaatctac	tttcacacat	ggcaaaccgc	gaagaaaaac	aaggataacc	tcaggccact	1080
tttacttgct	gtaagtggga	aaaaaa				1106

<210> 9021

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(335)

<223> similar to gi310925 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9021

ggcacgagtg	aaaatccatt	taaagaggag	ctcactaatt	atcaatactg	actgctgagc	60
ctggaatcat	tcatatatac	ctcagagttc	attcattcca	gatgcaatac	tagataagga	120
gactcctatg	aaccaaatat	ctaactctga	atagatagtg	actgtcataa	tcaaaccctg	180
cggctgcctc	ctccttactg	gaggggtgtg	aggaaagcag	tctccccgaa	ccctaccctc	240
tccctcaccc	cccgttcacc	ccctccccca	caaccgctcc	cccaacccca	cccacccacg	300
ccctctcccc	cctccctctc	cccctcctct	cccg			334

<210> 9022

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(621)

<223> similar to gi183885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9022

ggcacgagcg	gcacgaggga	acgtctgagg	ttatcaataa	gctcctagtc	cagacgccat	60
gggtcatttc	acagaggagg	acaaggctac	tatcacaagc	ctgtggggca	aggtgaatgt	120
ggaaagtgct	ggaggagaaa	ccctgggaag	gctcctgggt	gtctacccat	ggaccagag	180
gttctttgac	agctttggca	acctgtcctc	tgctctgtcc	atcatgggca	accccaaagt	240
caaggcacat	ggcaagaagg	tgctgacttc	cttgggagat	gccataaagc	acctggatga	300
tctcaagggc	acctttgccc	agctgagtga	actgcactgt	gacaagctgc	atgtggatcc	360

tgagaacttc	aagctcctgg	gaaatgtgct	ggtgaccggt	ttggcaatcc	atttcggcaa	420
agaattcacc	cctgaggggtg	caggcttcct	ggccagaaga	ttggtgactg	gaattggcag	480
tgggccagtg	cccttggtcc	ttccagatac	ccactgaagc	ctcttggccc	atgaattcag	540
aagctttcaa	aggataaggc	tttattcttg	caagcaatac	aaataataaa	tccattctgc	600
tgagagatca	caaaaaaaaa	a				621

<210> 9023
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(443)
 <223> similar to gi505652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9023						
ggcacgaggg	gaaagatggc	ggcgactctg	ggaccccttg	ggtcgtggca	gcagtggcgg	60
cgatgtttgt	cggctcgagg	tgggtccagg	atgttactcc	ttcttctttt	gttggggctt	120
gggcaggggc	cacagcaagt	cggggcgggg	caaacgttcg	agtacttgaa	acgggagcac	180
tcgctgtcga	agccctacca	gggtgtgggc	acaggcagtt	cctcactgtg	gaatctgatg	240
ggcaatgcca	tggatgatgac	ccagtatatc	cgccttacct	cagatatgca	aagtaaacag	300
ggtgccttgt	ggaaccgggt	gccatgtttc	ctgagagact	gggagttgca	ggtgcacttc	360
aaaatccatg	gacaaggaaa	gaagaatctg	ccatggggat	ggcttggcaa	tctggtacac	420
aaaggatcgg	atgcagccag	g				441

<210> 9024
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (54)...(239)
 <223> similar to gi3043694 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9024						
ggcacgagat	taacgatctg	tgcctatggt	gtttcgggac	cagttgggga	ccccgcagaa	60
tgaaccacat	gagcaggaag	cgcacccgcg	aggccaagcg	gagtgcgcgg	ccggagctca	120
aggactcgct	ggattggacc	cggcacaact	actacgagag	cttctcgctg	agcctggcgg	180
ccgtggcgga	taaccgtgga	aagggcagat	gctctacatg	tgtctttgga	aaaattcggg	240

```

ggatcggttt tactgtccag acagaacata ttgacagcgg gaaacgctga tggcgggtct 300
ggtgggtacg acgacgtgcc ggagcaaggg taac 334

```

```

<210> 9025
<211> 2170
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (32)...(2117)
<223> similar to gi3878945 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9025
ggcacgaggg atggcggcgc gggacagtga cagcgaagaa gatctggtca gctatgggac 60
cgggctggag cctctggaag aaggtgaaag accaaagaaa ccaatccctc ttcaggatca 120
gactgtcaga gatgaaaaag gaaggtataa acgattccac ggggccttta gcggaggttt 180
ctctgctgga tacttcaata ctgttggtc aaagaagga tggacaccct ctacctttgt 240
gtcttcacga cagaacagag cagacaaatc tgttcttggt cctgaagatt ttatggatga 300
agaggatctt agtgaatttg ggatagcacc taaagcgatt gtcaccacag acgattttgc 360
ctccaaaacc aaagacagaa tacgagaaaa ggctaggcag ttggccgctg ctactgcccc 420
tattcctgga gccaccctcc ttgatgacct cataacgcca gcaaaattat ctgttggttt 480
cgaattgcta agaaaaatgg gttggaaaga aggacaagga gttggtcctc gagtaaagag 540
acggccacgc cgacagaaac ctgatcctgg agtcaaaatc tatggctgtg cattaccccc 600
tggaagctcg gaaggatctg aggtgaaaga tgatgactac ttgcctgata atgtgacctt 660
tgcacccaaa gatgtcacac ctgtggattt cacacctaaa gataatgtgc atggtctagc 720
ttacaagggc ctggatcccc accaggcact gtttggaact tcgggagaac attttaattc 780
tttcagtggg ggttctgaga gagctggcga tcttgagaaa attggactga ataaaggaag 840
aaaattggga atttcaggcc aggtctttgg ttaggtgcc ctggaagagg aagatgatga 900
tatctatgcc acagaaatc tatccaagta tgacactgtt ctgaaggacg aggagcctgg 960
agacggactc tatggctgga cagcaccag gcagtataaa aaccagaaag aatcagagaa 1020
agaccttcgg tacgttggca aaattttgga tggattttcc ttggcttcta aacctttatc 1080
ttctaagaaa atctatccac ctccagagct gccaaagac tatcgaccag tgcattatct 1140
cagacccatg gtggccgcca cctccgagaa ctcacactta ctgcaggat tatcagagtc 1200
agctggaaaag gcaacgcctg acccaggac acacagtaag caccaactga atgcctccaa 1260
acgggctgag ttgcttgag agacgcctat tcaaggttca gctacttcag tgtagaatt 1320
tctgtcccaa aaagacaaag agagaatcaa agaaatgaag caggcaactg acctgaaagc 1380
agctcagctc aaggccagga gtctggccca gaacgctcag agcagcagag ccagccctc 1440
ccctgcagcg gctgctgggc actgctcttg gaacatggca ttaggtggtg ggacggccac 1500
cttaaaagcc agcaacttca agcctttcgc caaagatccg gaaaagcaaa agcgatacga 1560
cgagttctta gtacacatga aacaggggtc gaaagatgct ctggaacgct gtctggaccc 1620
cagcatgaca gagtgggagc gagggcgtga gcgggatgag tttgcccggg cggccctgct 1680
gtacgcatct tcccattcga ccttgctcctc caggttcact catgccaaag aggaggatga 1740
ctcagatcag gttgaagtcc ctcgagacca agagaatgat gtcggggata agcagtcggc 1800
tgtgaagatg aagatgtttg ggaagctcac ccgagacagc tttgagtggc accctgacaa 1860
gcttctatct caactttagt tggcttacca agagtgaagc gtgacaagta ctcagcttct 1920
aactttctga cgctcccaga gacagcttcc ttgcccacca ctcaagcatc aagtgaaaaa 1980
gtatcacagc accgaggtcc cgacaaatca agaaaacat ccagatggga tacctctaaa 2040
cacgaaaaa aagaagattc cattagtga tttttaagg tggctagatc aaaagccgag 2100

```

```
ccacctaaac aacagtccag ccccttagta aacaaagagg aagagcatgc accagaatta 2160
tccgcaaatg 2170
```

```
<210> 9026
<211> 377
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (15)...(268)
<223> similar to gi2145060 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 9026
ggcacgagaa cagggaccca gacatggagc tgcgggaaga agcctgggtct ccggggccgc 60
tggattctga ggaccagcag atggccagtc acgagaaccc aggtgagcag ccagaggcct 120
tcccagccga ccccgctgcc tcccacctga ccttggcttc ctttgctctt ggggtgggagg 180
aaacccccct tccctgtttt cccctcttgg ggccctggga ccacccgacc ctggcctccc 240
ctccccccct gggccttgca ctctggctg tagagggagg gctagtgttg tggctccaag 300
tttcctttct gctggatgat cttggggacc cctgggggac accttctctg cctgacttcc 360
tctgtccttg cccctcc 377
```

```
<210> 9027
<211> 989
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (620)...(1)
<223> similar to gi5901743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 9027
gcggccgcct gtcggcttgc tggagactcg gttgaggtga ccacagaggc cacactagtg 60
gggggtggagt tggcctgagc ggaggtggct gttgtcccct tcagtgatgc tgggggtgggc 120
tgtgggatgt tgacgagcag gctggtgttg ggaacattgg cgacgcggat gaggccctgc 180
tggatgatcc tttgtccctg aatctgcaca ctgggcaccg acgcccgggg ggccaggagg 240
aggggagggtg gccctgtgct ggaatgttgc ctaatgctgt ggatttgctg agccccccct 300
gacgagtggg ggcacgacga cctgtgagct cgectgtggc cccagctttg aggacgcctg 360
ctgcccacct cggaccaggg gcgggggtat gacactgccg ggcacccgag ctgaagaggt 420
ctggagtgat ggcttgccag caggaatgtt ctgagtgccc cgaacaagcg ggggaggggt 480
```

ggtcacggtg	ctcccaacag	aacctgtggg	cttctgggag	gtggettcct	tttgtatttg	540
actctgccgc	aactttttca	acaacacgag	ttttgcttct	tctaacctca	attcttcctt	600
cagctgcttg	atcatccttt	ctcgttcttc	aggactgctt	ttcatgaggg	cctcggtgct	660
agtctccttc	aaggccaccg	tggtcagccc	attcactctc	gggctcgagg	gctgctcggt	720
gtcggagagc	acaatcacgt	cagggtgaggg	gggtctcctc	tcggacttca	tgatcatctat	780
ccgtgatcct	cagagacatc	ttgcaaaaat	tatgtgatgc	acaccttttt	tccagctggc	840
cccatttttg	cacagaacaa	aacaaagccg	tccacactcc	cacgttctgg	acaactgggt	900
ggctggatgt	ctgtgtgagg	tgcgcagtgc	cacggggccc	tcgcccacca	gcccttcgcc	960
tctgcccattg	gcatggtgg	tggcctctg				989

<210> 9028

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (374)...(1396)

<223> similar to gi3882317 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9028

ccagagcaaa	ggcatacctc	caccacatta	agaatcctag	acattatttg	ccacaggtat	60
aaaatccgct	ggggctccaa	acaaaggat	atagttaact	atattggggg	cattgcttta	120
agatgagtg	ctagcagcag	tgacagtatc	tgggcctgga	aaaaatgtac	cacttacatt	180
gaatttgctc	ttcaaccac	aggttctgac	tcctcaggag	caaaaaacat	aacctgaaga	240
gggaggaagt	ggatttgagg	ttcaccattt	cttggggcac	acttgattga	aaactgagac	300
ttctgaagag	aaggccagaa	gatacaaaga	cagaccatcc	cagttgaatg	ctgtcttcca	360
agaacagaag	aaaatgatcc	aggcccagga	atccataaca	ctggaggatg	tggctgtcga	420
cttcacttgg	gaggagtggc	aactcctggg	cgctgctcag	aaggacctgt	accgggatgt	480
gatgttggag	aactacagca	acctggtggc	agtgggggat	caagccagca	aaccggatgc	540
actcttcaag	ttggaacaag	gagaacaact	gtggacaatt	gaagatggaa	tccacagtgg	600
agcctgttca	gacatatgga	aagttgatca	tgtgctggag	cgcttgcaga	gtgaaagcct	660
ggtgaacaga	aggaaacct	gtcatgaaca	tgatgcattt	gaaaatattg	ttcattgcag	720
caaaagtcag	tttctgttag	ggcaaaatca	tgatatattt	gacttacgtg	gaaaaagttt	780
gaaatccaat	ttaactttag	ttaaccagag	caaaggctat	gaaataaaga	actctgttga	840
gtttactgga	aatggggact	cctttcttca	tgctaaccat	gaacgacttc	atactgcaat	900
taaattccct	gcaagtcaaa	aactcatcag	cactaagtcc	caattcatca	gtcccaagca	960
tcagaaaaca	cgaaaattag	agaagcatca	tgtgtgcagt	gaatgtggga	aagccttcat	1020
caagaagtct	tggctaactg	atcaccaggt	aatgcataca	ggagagaaac	cccacagatg	1080
tagtctatgt	gagaaagcct	tctccagaaa	gttcatgctt	actgaacatc	agcgaactca	1140
tacaggagaa	aaaccttatg	aatgccctga	atgtggcaaa	gcctttctca	agaaatcacg	1200
gctcaacata	catcagaaaa	cacataccgg	agagaaaccc	tatatatgca	gtgaatgtgg	1260
aaaaggcttc	atccagaaaag	gaaatctcat	tgtacaccag	cgaattcata	caggtagagaa	1320
accttatata	tgcaatgaat	gtggaaaggc	ttcattcaga	agacgtgtct	catagcacat	1380
cagagatttc	acacggaaaag	a				1401

<210> 9029
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (153)...(818)
 <223> similar to gi2695659 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 9029
cgcattgctc cgcgcgggct gtagctgagc gcggagcccg tgggggcccg tgagaactag      60
taagactgct gcagagtccg gaggaagaag tcacctagaa aagtctggga cagggcattt      120
gagttcctga gatctagttg gtgagagaca tgatgttcta ccggttgctg tcgattgttg      180
gaagacaaaag agccagccca ggatggcaga actggtcctc tgcaagaaac agcgcacacag      240
ctgccgaggc gcgttccatg gccctgcccc cccaggcaca ggtggtcgtc tgtggaggtg      300
gaatcacggg cacttctgtg gcccatcacc aatccaaaat ggggtggaag gatattgtcc      360
ttttggagca gggcaggctg gctgctggct ctaccagggt ctgtgctggc atcctgagca      420
ctgccaggca cttgaccatt gagcagaaga tggcagacta ctcaaacaaa ctctaccatc      480
agttagagca agaaacaggg atccaaacag gttacacaag gacagggtca atctttctgg      540
cccaaactca ggaccgactg atctccctga agcgcaccaa cgcagggtcg aatgttatag      600
gtatcccttc tgagatcatc tcccccaaga aagtggccga gcttcacatc ctctcaacg      660
tgcacgacct ggtgggggcc atgcatgttc ccgaggatgc agtgggtgtc tccgctgacg      720
tggctcttgc cctggcaagt gctgcctccc aaaatgtggg catacgagct gggctctgtc      780
aacgaggagc cggttagtat cccgctacat gcctgcatgt att                          823

```

<210> 9030
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (71)...(319)
 <223> similar to gi2072964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 9030
ggaattaaga agagaggata aagaagacaa ccagaaaaga aataagaaca ttgcagtagt      60
aagtccttaa ctaccaataa gaacattaaa tgtgaatgga ctaaattctc cagtcaaaag      120
acatagtgcc ttaatggatt aaaaaacaaa aacaaacaaa acccacaaga cccaactata      180
tgctcctgca agaaactcac ttcattctata gattcacata gactgaaaac aaggaaatgg      240
aaaaagatac ttcattgcaa tggaaccaa aaaagagcaa gagtagctat gcttatatca      300
gaaaaaatag atttcaaac a                                     321

```


<210> 9031
 <211> 1089
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (435)...(1089)
 <223> similar to gi4519621 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 9031
cggcaagtgg gcttgcggct aagggatttt cctgggatga gagcgggtct tctgccttca    60
ttttggatgc acatcccgtt ttagccccgg cagcctttgg tccggctcgt gtccctgggg    120
attctcggat ctccgaggac accggacggg agcgcttggc catcctctct ccggcagagg    180
agcagacggt tgctttccaa gtgcaaaact acagacacgc gcgcgcacac acgcaagcac    240
acgcggagag agaggaacct tgccgggtccg aggcagctct gcgcgtcccc tcctgcgctt    300
agcatcctcg gcccagcgcg gcccgcaccc ccatggaggt gctggagagc ggggagcagg    360
gcgtgctgca gtgggaccgc aagctgagcg agctgtcaga gcccggggac ggcgaggccc    420
tcatgtacca cacgcacttc tcagaacttc tggatgagtt ttcccagaac gtcttgggtc    480
agctcctgaa tgatcctttc ctctcagaga agagtgtgtc aatggagggtg gaaccttccc    540
cgacgtcccc ggcgctcttc atccaggctg agcacagcta ctccctgtgc gaggagcctc    600
gggcccagtc gcccttcacc cacattacca ccagtgcagc cttcaatgac gatgagggtg    660
aaagtgagaa atggtacctg tctacagact tcccttcaac atccatcaag acagagccag    720
ttacagacga accaccccca ggactcgttc cgtctgtcac tctgaccatc acagccatct    780
ccaccccggt ggaaaaggag gaacctcctc tggaaatgaa cactgggggtt gattcctcgt    840
gccagaccat tattcctaaa attaaactgt agcctcatga agtggatcag tttctaaact    900
tctctcctaa agaaggctct tctgccctcc ctgtgtccct ttgggttatg gatatggtct    960
ctgggtctac agagagggaa tatggcgaga gagctgggat gagtttgtac cacagatgtt   1020
gtagctggct ttatgaaata gctctgttct taaaaaataa aaattttgct tccaaataaa   1080
aaaaaaaaa

```

<210> 9032
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (167)...(393)
 <223> similar to gi159725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 9032
ggcacgaggg gacccaatgg gagtccccgc caggagacac aaccggcgggc tctccgggga      60
tttataaggt cccgccagca accgcgcggt gggattcgtg gtgttgctgg agacccgat      120
ggtgtctgca gtcagcgacc ctccaacttc aactactgga tcaaccatgt gtgagtgcac      180
ctccatccat gtggggccagg ccggagtgcg gatgggcaat gcctgctggg agctgtactg      240
cctggagcac gacatccagc ccagtggcac catgcccagc cacaaggccc tggggagcag      300
tgataactcc ttcaacacct tcttcaggga gaccagcct ggcaggcatg tgtcctgggc      360
tgtctgtgga cctggagcct gctgtcatag cacaatgaag tcgctgtaga gggaagggac      420
cactgaaggt gccacctgct ctccccgtct caagcccagg caggacctgg ccttagaagt      480
gggtctctgg ttgggaggct gaggcaggag aatcgcttga acccgggaga cagaggctgt      540
ggtgagccaa gatcgctga ttgcactcca gcctgggcaa caagagtga actccgtctc      600

```

```

<210> 9033
<211> 1060
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (431)...(1057)
<223> similar to gi3169096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9033
ggctggcagt acctaccatt tatgggtcaaa caattttttat aggggtattta tttgcatttg      60
tcactcttgt ggcatttgta gctaataattt tctctctttg ttggcagggtg cgttaaacct      120
ctacagtttg tcaagctttg cagtgcagac ctctgtatta cactgcagct taacaagtag      180
ggcagggcctt ttctctcact tacattttatt tctcattttc caaacaatat agttggtttg      240
ctagtcacat ttgtacgtc ttattgcatt tttggtcaga cgctgtcatt gatgctctaa      300
tgggtctgtg ccctatggtc tgtaacccaa agcctgcccc cacaacccgg tcagaatgca      360
gggactgctg cgctttgaag atcaagactc tgcacgtggg gatcagaaca ttgccatggt      420
ctatccaacc tccacccaaa tggttttatcg gcgggggctt caggcaatac ctcttagtgt      480
tgacctttgg atacattata taaactttctt aaaagaaaaca ttggaccctg gtgatcctga      540
gacaaacaat acaataagag gaacttttga gcatgctgtt ctagctgcag gaacagattt      600
ccgttctgac agactgtggg aaatgtatat aaactgggaa aatgagcagg gaaacctgag      660
agaagttaca gctatatatg atcgtattct tggatttcca acacagctgt atagtcatca      720
ttttcagaga tttaaagaac atgtacagaa taatttgcct agagatcttt taactggtga      780
acagtttatt cagttgacga gggaattagc ttctgtaaat ggtcatagtg gtgatgatgg      840
tcctcctggg gatgatctac catcggaat tgaagacata accgatcctg caaagctaata      900
tacagaaata gaaaacatga gacatagaat cattgagatt catcaagaaa tgtttaatta      960
taatgagcat gaagttagta aaagggtggac atttgaagaa gagaattaaa agaccttact      1020
ttcatgtgaa acctttggaa aaggcacaac taaaaaaaaa      1060

```

```

<210> 9034
<211> 2526
<212> DNA

```